



2017

ANNUAL  
REPORT

► MARYLAND TRANSPORTATION AUTHORITY



Maryland  
Transportation  
Authority



CHANGING  
Maryland  
*for the Better*

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Governor Larry Hogan

## GOVERNOR'S MESSAGE

Our administration is honored to serve the citizens of our great state, and proud of the incredible strides we have made in making Maryland Open for Business, which includes improving our transportation infrastructure. When it comes to rebuilding our roads and bridges, we are moving forward with the highest priority transportation projects in every single jurisdiction all across Maryland.

We have made major progress on some of the most significant transportation improvements in state history. Delivering on our commitment to provide innovative transportation solutions for all of Maryland, we are making record investments in innovative traffic relief with major improvements to the Baltimore Beltway, I-95, the Capital Beltway, I-270, and the Baltimore-Washington Parkway. We have nearly 1,000 projects totaling \$9 billion currently under construction from one corner of the state to the other.

Our transportation initiatives are key to our overall success as a state. We have reduced tolls and fees, helping us create an incredible economic resurgence in our state, and putting money back into the pockets of hardworking Marylanders, retirees, and small businesses. We had the best year for business in Maryland in 15 years, as well as the best year for job growth in 15 years. We went from losing 100,000 jobs to gaining more than 110,000 jobs. We've had the fastest job growth in the mid-Atlantic region and one of the strongest economic turnarounds in America.

Together, we have put Maryland on a new path. Let's keep moving forward and continuing to change Maryland for the better.

**Larry Hogan**

Governor

# ▶ VISION

## CREATING EZ PASSAGE THROUGHOUT MARYLAND

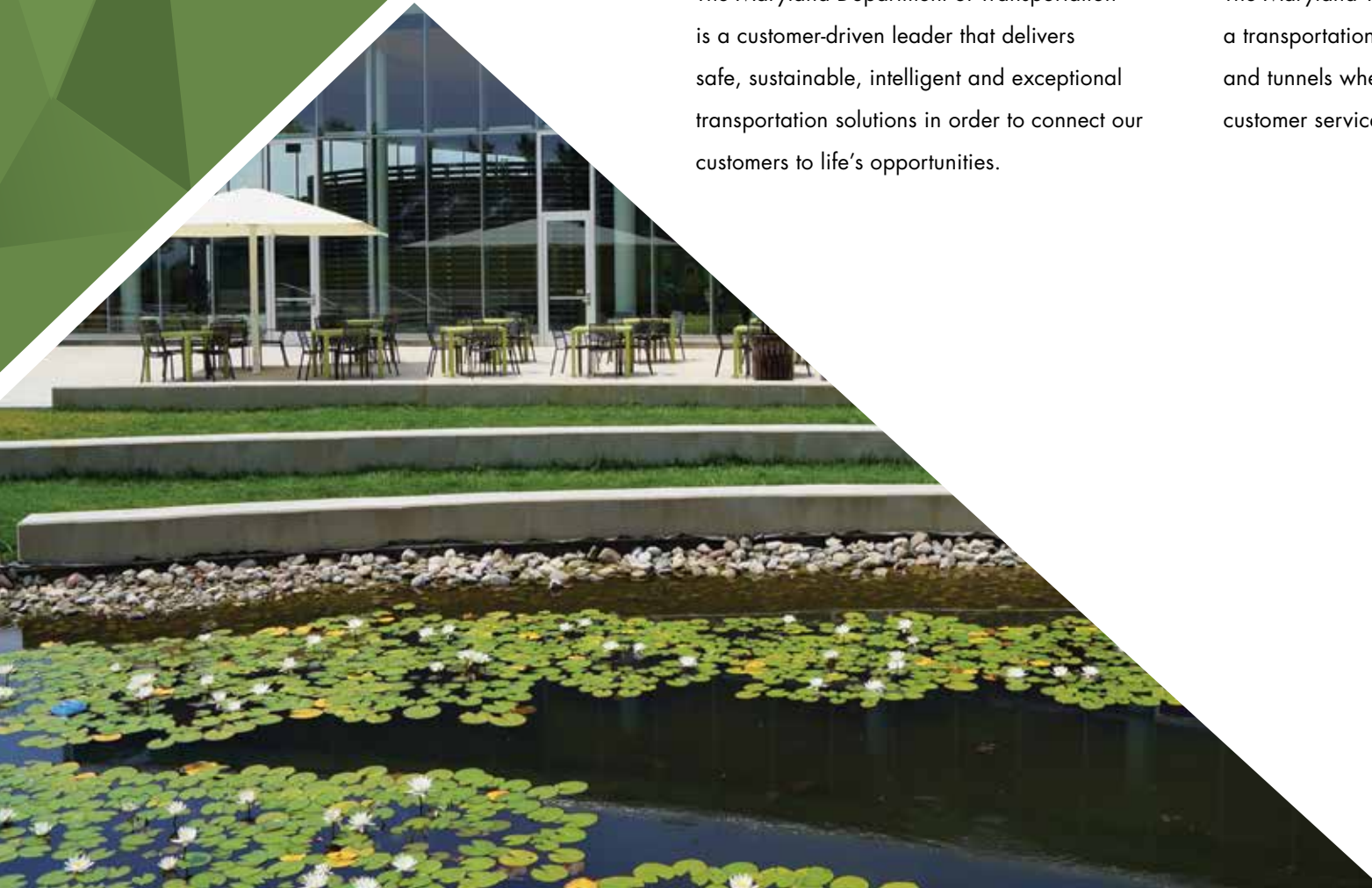
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### MARYLAND DEPARTMENT OF TRANSPORTATION'S **MISSION**

The Maryland Department of Transportation is a customer-driven leader that delivers safe, sustainable, intelligent and exceptional transportation solutions in order to connect our customers to life's opportunities.

### MARYLAND TRANSPORTATION AUTHORITY'S **VISION**

The Maryland Transportation Authority will provide a transportation network of highways, bridges and tunnels where safety, efficiency and excellent customer service are priorities.







## WHO ARE WE?

Financed by toll revenue without relying on State tax dollars, the Maryland Transportation Authority (MDTA) was established in 1971 by the Maryland General Assembly to finance, construct, operate, preserve and improve the State's toll facilities, as well as to finance new revenue-producing transportation projects. The MDTA's eight toll facilities – two turnpikes, two tunnels and four bridges – connect Maryland to life's opportunities.

The MDTA's revenues are separate from the State's General Fund and Transportation Trust Fund and are reinvested into our facilities to operate and maintain them. The MDTA's Trust Agreement, for the benefit of its bondholders, outlines how these funds may be used as the MDTA develops and finances transportation solutions for Maryland's citizens. For more than 45 years, the MDTA has provided Maryland's citizens and visitors with safe, secure, reliable and convenient transportation facilities. We are committed to preserving our vital infrastructure and to quality and excellence in customer service. We rely on our organization's values, traditions and – most importantly – our employees, to achieve these goals.

## MDTA EMPLOYEE GUIDING PRINCIPLES

### SAFETY

We provide safe and secure facilities and workplaces for our customers, employees and the communities we serve.

### ACCOUNTABILITY

Our employees accept responsibility for their actions and for the agency's finances and business practices.

### STEWARDSHIP

We fulfill the agency's financial and environmental responsibilities.

### SERVICE

We provide respectful, reliable and consistent interaction with stakeholders.



*Our Toys for Tots campaign continues to be a success, providing gifts to children in need during the holidays.*

### INTEGRITY

We work within our legal and ethical framework with honesty, dignity and dedication.

### TEAMWORK

We value loyalty, support and inclusion among all relationships.

### EQUAL OPPORTUNITY

We provide fairness, opportunities and support regardless of age, ancestry, color, creed, genetic information, marital status, mental or physical disability, national origin, religious affiliation, belief or opinion, race, sex, sexual orientation, gender identity or other non-merit factors.

*Providing respectful, reliable and consistent interaction with our customers is a priority.*

## ► CHAIRMAN'S MESSAGE



Chairman Pete K. Rahn

When Governor Larry Hogan took office three years ago, he made a commitment to make Maryland's transportation system one that meets the needs of our citizens, visitors, and businesses, and supports economic development to change Maryland for the better.

In my dual role as Maryland's Transportation Secretary and Maryland Transportation Authority Chairman, I am actively involved in ensuring that Governor Hogan's transportation vision becomes a reality. During the last four decades, the Maryland Transportation Authority has undergone a remarkable transformation from an agency charged with the maintenance, operation, and improvement of toll facilities to an agency that has expanded its role in financing new revenue-producing transportation projects, become a leader in public-private transportation partnerships, and delivered major construction projects and initiatives that have taken the agency to new heights.

Our team is working hard to provide an innovative and affordable transportation system that meets our customers' needs each and every day. We will continue to employ the newest technology, business practices, and community partnerships to help ensure continued success – and challenge our employees to build relationships and think outside of the box to make it happen.

As you will see in this annual report, we are fortunate to have a dedicated and enthusiastic team committed to supporting the Maryland Transportation Authority and its vision, and we look forward to providing continued customer service excellence in 2018.

**Pete K. Rahn**

Chairman

# ▶ OUR GOVERNING MEMBERS



**Katherine Bays Armstrong**  
Appointed September 2016



**Peter J. Basso**  
Appointed August 2007



**Dontae Carroll**  
Appointed June 2017



**William H. Cox, Jr.**  
Appointed July 2016



**William C. Ensor, III**  
Appointed July 2015



**W. Lee Gaines, Jr.**  
Appointed May 2015



**Mario J. Gangemi, P.E.**  
Appointed September 2017



**John von Paris**  
Appointed July 2016

The Maryland Transportation Authority Board serves as our policy-setting, decision-making and governing body and is responsible for all actions taken by the MDTA. The authority to set tolls is at the discretion of the Board Members. Maryland's Transportation Secretary presides as the MDTA's Chairman. In addition to the Chairman, the group consists of eight Members appointed by the Governor with the advice and consent of the Senate. The composition of the Board must reflect the diversity of the population and must include expertise in structural engineering, transportation planning, land-use planning and finance. Each Member serves a four-year term, and term expirations are staggered. Board Members are eligible for reappointment to the MDTA, with a limit of three consecutive terms.

## 2017 APPOINTMENTS

Governor Larry Hogan appointed **Dontae Carroll** and **Mario J. Gangemi, P.E.**, to serve as MDTA Board Members in 2017. Real estate executive Dontae Carroll of White Plains in Charles County was appointed in June 2017, for a four-year term on the MDTA Board. As Long & Foster Real Estate's Senior Vice President and Regional Manager for Northern Virginia and West Virginia, Mr. Carroll oversees the company's largest and most profitable region, which produces \$10 billion in annual sales and more than 15,000 settled transactions. Previously, he served as Vice President of Business Development, Mid-Atlantic Region, for Century 21 LLC. Mr. Carroll received his bachelors of business administration degree in marketing from Loyola University Maryland and he received Century 21's Ambassador's Award in 2007 and the President's Award from 2005-2007.



*Nice Bridge toll plaza*



*I-95 Express Toll Lanes*

An Eastern Shore native, Mario J. Gangemi, P.E., was appointed the newest Board Member in September 2017, serving to meet the requirement that the Board include structural engineering experience. He has more than 26 years of experience as an engineer in the geotechnical, construction, environmental and structural fields and, currently, he is with Greggo & Ferrara, Inc., a highway construction firm that has been in business for more than 70 years. Active in his community, Mr. Gangemi has coached youth lacrosse and football for numerous years and, with friends, founded the Cecil Lacrosse League, which has grown from just over 50 boys to more than 300 boys and girls in a few short years. Mr. Gangemi also is active with the Cecil County Chamber of Commerce and helped establish the Cecil Business Leaders for Better Government (CBL), an organization that recruits and supports local candidates who will encourage policies that will grow jobs in Cecil County. Mr. Gangemi earned bachelor's degrees from Salisbury University (Physical Science) and the University of Maryland (Civil Engineering) as well as a master's degree in Coaches Education from Ohio University.

## MANAGEMENT COMMITTEE

**Kevin C. Reigrut**, Executive Director

**Deborah E. Sharpless**, Deputy Executive Director

**Col. Jerry Jones**, MDTA Chief of Police

**John O'Neill**, Chief of Operations

**Percy Dangerfield**, Chief Administrative Officer

**David W. Chapin**, Special Projects Coordinator

**Donna Dicerbo**, Director of Procurement

**David Goldsborough**, Director of Information Technology

**David K. Greene**, Director of Business Planning, Policy & Performance

**Jaclyn Hartman**, Director of Finance / Chief Financial Officer

**Meshelle V. Howard**, Director of Division of Statutory Programs Compliance

**Jody D. McCurley**, Director of Audits

**Kimberly A. Millender**, Principal Counsel

**Tonya Morant**, Director of Human Resources & Workforce Development

**Cheryl M. Sparks**, Director of Communications

**Paul J. Truntich, Jr.**, Director of Environment, Safety & Risk Management

**Dan Williams**, Chief Engineer



Congratulations to Deputy Executive Director, **Deb Sharpless**, on her selection to and graduation from Leadership Maryland, a professional development program dedicated to harnessing the strength of Maryland's local business and community leaders and building a better State. This was Leadership Maryland's 25<sup>th</sup> class, and participants completed an eight-month, hands-on learning program focused on the State's social, economic and environmental issues.

On Jan. 7, 2017, Director of Procurement **Donna DiCerbo** was installed as Vice President of the Maryland Public Purchasing Association (MPPA). MPPA is a professional organization comprised of more than 300 procurement professionals throughout Maryland, whose members represent various public purchasing entities. MPPA is a chapter of the National Institute of Governmental Purchasing, which has more than 70 chapters in the United States, Canada and internationally.

We're also proud that the Conference of Minority Transportation Officials (COMTO) Maryland president and vice president are MDTA's own Director of Statutory Programs Compliance **Meshelle Howard** and Director of Facility Operations **Mike Rice**, respectively. COMTO's mission is to ensure opportunities and maximum participation in the transportation industry for minority individuals, businesses, and communities of color, through advocacy, information sharing, training, education, and professional development. The organization membership includes individuals, groups, transportation agencies, private sector corporations, non-profit organizations, and Historically Underutilized Businesses (HUBs).

Executive Director  
Kevin C. Reigrut



## EXECUTIVE DIRECTOR'S MESSAGE

I am pleased to share with you the Maryland Transportation Authority's accomplishments for 2017. This is one of the most exciting and productive times in the history of the MDTA. With strong, engaged and effective leadership from the Chairman and our Board Members, the MDTA is working diligently to meet the challenges set forth by Governor Hogan to provide an efficient transportation system that supports Changing Maryland for the Better.

I am grateful to have the opportunity to work with such a skilled and diligent employee team, which manages some of the most important transportation projects Maryland has seen in many years, including Governor Hogan's Traffic Relief Plan, new Nice Bridge, Chesapeake Bay Crossing Study – Tier 1 NEPA, new 3G Tolling System and I-95 Express Toll Lanes Northern Extension, among others, without using a dime of taxpayer money.

From enhancing our E-ZPass Maryland customer service efforts to undertaking major infrastructure projects, we have been taking concrete steps to prove to our customers that we are committed to providing safe, reliable and efficient transportation facilities and superior customer service. We value your input in helping us improve the way we do business and ultimately meet your needs more effectively and efficiently.

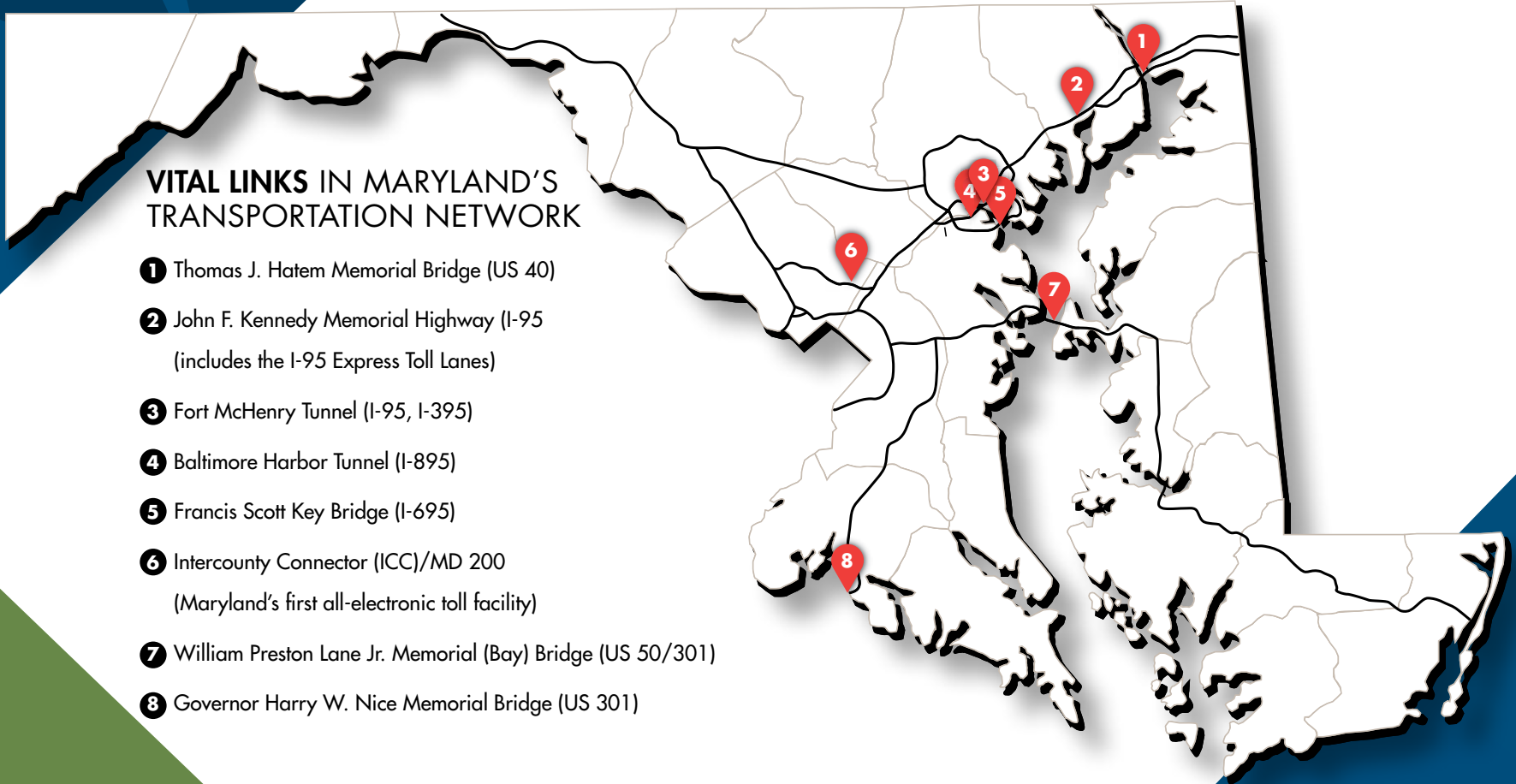
Each of the agency's 1,700 employees plays a vital role in ensuring our toll facilities meet the growing needs of the motorists who travel them each year. The MDTA's successes are Maryland's successes, and I thank our employees for their hard work in making them happen.

**Kevin C. Reigrut**  
Executive Director

## ▶ OUR FACILITIES

### VITAL LINKS IN MARYLAND'S TRANSPORTATION NETWORK

- 1 Thomas J. Hatem Memorial Bridge (US 40)
- 2 John F. Kennedy Memorial Highway (I-95  
(includes the I-95 Express Toll Lanes)
- 3 Fort McHenry Tunnel (I-95, I-395)
- 4 Baltimore Harbor Tunnel (I-895)
- 5 Francis Scott Key Bridge (I-695)
- 6 Intercounty Connector (ICC)/MD 200  
(Maryland's first all-electronic toll facility)
- 7 William Preston Lane Jr. Memorial (Bay) Bridge (US 50/301)
- 8 Governor Harry W. Nice Memorial Bridge (US 301)



### THOMAS J. HATEM MEMORIAL BRIDGE (US 40)

The oldest of the MDTA's facilities, this 1.4-mile, four-lane bridge opened in August 1940. It spans the Susquehanna River on US 40 between Havre de Grace and Perryville in northeast Maryland. Tolls are collected in the eastbound direction only.

FY 2017 TRAFFIC VOLUME – **10.2 Million Vehicles.**



### JOHN F. KENNEDY MEMORIAL HIGHWAY (I-95)

Opened in November 1963, the John F. Kennedy Memorial Highway is a 50-mile section of I-95 from the northern Baltimore City line to Delaware. Tolls are collected in the northbound direction only at the toll plaza located one mile north of the Millard E. Tydings Memorial Bridge over the Susquehanna River in northeast Maryland. The recently redeveloped Maryland House and Chesapeake House travel plazas serve millions of customers annually. The new eight-mile I-95 Express Toll Lanes (ETL) is a highly successful example of Public/Private Partnerships and opened on the JFK Highway between I-895 and White Marsh on Dec. 6, 2014. Tolls are paid at highway speeds on the all-electronic I-95 ETL via *E-ZPass* and Video Tolling as vehicles pass beneath tolling structures.

FY 2017 TRAFFIC VOLUME – **31 Million Vehicles.**

FY 2017 TRIPS EXPRESS TOLL LANES – **9 Million.**



*Photos from the Alfred B. Hilton Bridge dedication ceremony*



## SGT. HILTON BRIDGE DEDICATION

On Nov. 9, the Maryland Department of Transportation and MDTA joined elected officials, American Legion representatives, family members and others to dedicate the MD 22 bridge over I-95 to Civil War veteran Sgt. Alfred B. Hilton, Harford County's only Medal of Honor recipient. The dedication was held at Alfred B. Hilton Park in Havre de Grace, a site near where Sgt. Hilton lived on his father's farm. He was born in Harford County in 1842. Sgt. Hilton enlisted in the U.S. Army during the American Civil War at 21-years old. He was assigned to Company H, 4<sup>th</sup> Regiment U.S. Colored Troops and was awarded the Medal of Honor posthumously after succumbing to injuries sustained at the Battle of Chaffin's Farm outside of Richmond, Va. On September 29, 1864, Sgt. Hilton was a member of his unit's color guard carrying the American Flag into battle. When the regimental color bearer was wounded, he carried the regimental colors as well. Sgt. Hilton carried both flags until he was severely wounded. He is buried in Hampton, Va. Sgt. Hilton is one of 16 African American Union Army soldiers who received the Medal of Honor for their service in the Civil War.







► **FORT MCHENRY TUNNEL (I-95, I-395)**

When it opened to traffic in November 1985, the Fort McHenry Tunnel was the largest underwater highway tunnel, as well as the widest vehicular tunnel built by the immersed tube method in the world. The eight-lane tunnel is nearly 1.4-miles long and connects the Locust Point and Canton areas of Baltimore, crossing under the Patapsco River, just south of historic Fort McHenry. The tunnel is a vital link in I-95, the East Coast's most important interstate route. Including the tunnel and approach roadways, the facility is approximately 10.3 miles in length.

FY 2017 TRAFFIC VOLUME – **45.4 Million Vehicles.**

► **BALTIMORE HARBOR TUNNEL (I-895)**

The 1.4-mile, four-lane tunnel opened in November 1957. Designated I-895, the facility crosses under the Patapsco River and connects major north/south highways and many arterial routes in Baltimore City's industrial sections. Including the tunnel and approach roadways, the facility is approximately 18.3 miles in length.

FY 2017 TRAFFIC VOLUME – **27.6 Million Vehicles.**





► **FRANCIS SCOTT KEY BRIDGE (I-695)**

This outer crossing of the Baltimore Harbor opened in March 1977 as the final link in I-695 (the Baltimore Beltway). The 1.7-mile Key Bridge crosses over the Patapsco River where Francis Scott Key was inspired to write the words of the “Star Spangled Banner.” This facility also includes the Curtis Creek Drawbridge. Including the bridge and approach roadways, the facility is approximately 10.3 miles in length.

FY 2017 TRAFFIC VOLUME – **11.3 Million Vehicles.**

► **INTERCOUNTY CONNECTOR (ICC)/MD 200**

The Intercounty Connector (ICC)/MD 200 links I-270/I-370 in Montgomery County and US 1 in Prince George’s County. The ICC is Maryland’s first all-electronic, variably priced toll facility. The first segment between I-370 at Shady Grove and MD 97 in Rockville/Olney opened in February 2011, the second segment to I-95 opened in November 2011, and the ICC was completed to US 1 in Laurel in November 2014. The facility not only provides a faster, more reliable drive for ICC users, but also reduces congestion on I-495 (DC Beltway). Tolls are paid at highway speeds via *E-ZPass* and Video Tolling.

FY 2017 TRAFFIC VOLUME – **32.6 Million Trips.**





*ICC/MD 200 dedication ceremony*

## ICC/MD 200 DEDICATION

On September 7, 2017, the MDTA Board approved and Governor Larry Hogan announced that the Intercounty Connector (ICC)/MD 200 would be dedicated to **former Maryland Governor Robert L. Ehrlich, Jr.** “Over the decades, plans for the ICC started – and stalled – countless times, but it wasn’t until Governor Ehrlich made it a top priority that the Intercounty Connector project was finally revived,” said Governor Hogan. “The ICC was the very first all-electronic toll road in Maryland, and it is one of the most significant transportation projects in state history.”

After his election, Governor Ehrlich made a direct request to President George W. Bush to secure the key federal funding for the project. He garnered bipartisan support between federal and local governments to gain key endorsements from the U.S. Department of Transportation and Montgomery County.

The ICC/MD 200 was included in transportation planning efforts tracing back to the 1950s. Despite significant financial investment, planning and engineering work, the ICC/MD 200 project had stalled before Governor Ehrlich directed the Maryland Department of Transportation’s State Highway Administration (MDOT SHA) to begin construction. MDOT SHA managed the construction and the ICC/MD 200 opened between I-270 and I-95 in 2011 and further east to US 1 in 2014.



*ICC/MD 200 dedication ceremony*





▶ **WILLIAM PRESTON LANE JR. MEMORIAL (BAY) BRIDGE (US 50/301)**

The Bay Bridge crosses the Chesapeake Bay along US 50/301. Its dual spans provide a direct connection between recreational and ocean regions on Maryland's Eastern Shore and the metropolitan areas of Baltimore, Annapolis and Washington, D.C. At four miles, the spans are among the world's longest and most scenic overwater structures. The original span opened in July 1952 and provides a two-lane roadway for eastbound traffic. The parallel structure opened in June 1973 and has three lanes for westbound travelers. During periods of heavy eastbound traffic, one lane of the westbound bridge is "reversed" to carry eastbound travelers ("two-way" traffic operations). Tolls are collected in the eastbound direction only.

FY 2017 TRAFFIC VOLUME – **27.2 Million Vehicles.**

▶ **GOVERNOR HARRY W. NICE MEMORIAL BRIDGE (US 301)**

Opened in December 1940, this 1.9-mile, two-lane bridge is located on US 301 and spans the Potomac River from Newburg, Md., to Dahlgren, Va. President Franklin D. Roosevelt participated in the facility's groundbreaking in 1939. Tolls are collected in the southbound direction only. On Nov. 21, 2016, the MDTA Board approved \$765 million in funding for construction of a new Potomac River crossing to replace the 76-year-old Nice Bridge to be delivered by 2023.

FY 2017 TRAFFIC VOLUME – **6.8 Million Vehicles.**





## ► WHY ARE ROADS TOLLED?

**The construction and maintenance** of many roads in Maryland have typically been paid for with State and federal taxes. However, while transportation needs have increased, government budgets have decreased. Toll roads offer a way to meet transportation challenges without raising taxes. Only those who use the facilities are charged for their upkeep and maintenance. Roads are tolled for three basic reasons – to pay for a road that can't be built soon enough with available resources, to pay for the continued maintenance and operation of a roadway and to pay for other transportation improvements in the area, such as work on highways, bridges and tunnels, travel plazas or toll facilities. Toll roads offer economic, quality of life and safety benefits that can be delivered years in advance of using other funding methods.

▶ CHANGING  
**MARYLAND** for the BETTER



*Governor Hogan announcing  
his Traffic Relief Plan.*

## TRAFFIC RELIEF PLAN

Delivering on his commitment to provide innovative transportation solutions for Maryland, Governor Larry Hogan announced the administration's plans to add four new lanes to I-270, the Capital Beltway (I-495), and the Baltimore-Washington Parkway (MD 295). The \$9 billion Traffic Relief Plan includes building new express toll lanes on MD 295 and will begin with the requested transfer of the National Park Service Portion of MD 295 from the U.S. Department of the Interior to the MDTA. Following the transfer, the MDTA would build, operate and maintain new electronic toll lanes and maintain the existing lanes between



MD 295

Baltimore and Washington, D.C. In addition, the announcement officially begins the process to solicit the Public-Private Partnership (P3) industry for input and solutions to provide major congestion relief on the other two key transportation routes. The P3 portion to add four new lanes on both I-495 and I-270 is the largest proposed P3 highway project in North America. Adding new lanes on MD 295 will deliver great relief to the 120,000 people who depend on it to get to and from work every day.



Map of Traffic Relief Plan



**CHESAPEAKE BAY CROSSING STUDY –  
TIER 1 NEPA**

On Aug. 30, 2016, Governor Larry Hogan announced the start of a study that will identify the location and explore potential funding options for a new Chesapeake Bay crossing. The MDTA has taken the critical first step needed to move forward on addressing the long-range issue of future traffic congestion on the Bay Bridge. The “Chesapeake Bay Crossing Study - Tier 1 NEPA” is underway and will look at alternative transportation methods.

This study will include scoping; purpose and need development; corridor alternative analysis and screening; traffic and environmental analyses; and public and agency involvement. The study is expected to be completed in Summer 2020. An online Scoping Meeting was held November 15, 2017, to

seek input on the project scope and purpose and need and public comments were accepted until December 15, 2017. Remote meeting locations were available for individuals who did not have Internet access. Additional public and community outreach efforts will include public meetings and a project website.







\$200 million below early study estimates, making this project more affordable and enabling the MDTA to move forward with construction in the near term.

An online presentation was held January 18, 2018, to provide a brief summary of the project, including how the MDTA has worked to advance the project beyond the original study phase, the project schedule and what motorists can expect during construction and after the new bridge opens. Public comments were accepted until February 20, 2018. Visit [newnicebridge.com](http://newnicebridge.com) to stay informed about the project.



### NEW NICE BRIDGE

On November 21, 2016, Governor Hogan announced \$765 million in funding for construction of a new Potomac River crossing to replace the Nice Bridge. The MDTA anticipates advertising a design-build contract for the new bridge in 2018, starting construction in 2020, and opening a new, wider and safer bridge in 2023. The new bridge will be built north of and parallel to the existing 1.7-mile bridge and will include two lanes of traffic in each direction. It will be built as an all-electronic toll facility to maximize the capacity increase. Using practical design and value engineering approaches, the MDTA has successfully reduced project costs by more than





*I-95 will be getting new Express Toll Lanes north of MD 43.*

► CHANGING MARYLAND FOR THE BETTER (continued)

**NEW TOLLING SYSTEM (3G)**

On August 1, 2016, the MDTA issued two Requests for Proposals to develop and operate the third generation of its electronic toll-collection systems. The new tolling system will include replacement of the existing toll-lane terminals and all associated hardware and software, while the new Customer Service Center System will include establishing, staffing and managing a customer service center. This is a significant contracting opportunity, as the

MDTA will award separate contracts for tolling technology/operations and customer-service technology/operations. The new contracts, which were recently awarded, will be performance driven with clear standards and expectations and seek a vendor, or vendors, that utilize innovative technologies and prioritize customer service.

**I-95 EXPRESS TOLL LANES (ETL)  
NORTHERN EXTENSION (SECTION 200)**

This \$210 million project involves the extension of the I-95 Northbound ETL facility and auxiliary lanes for approximately 7.75 miles from north of MD 43 in Baltimore County to MD 24 in Harford County to address current congestion relief and roadway safety needs as a phased solution to the ultimate full Section 200 improvements. With the success of the existing ETL along the I-95 corridor – saving commuters approximately 10 minutes during a typical evening commute – the MDTA’s phased, practical-design approach to Section 200 is expected to mitigate congestion that occurs today in this section of northbound I-95. This is critical to commuters and visitors and to the movement of goods and services along the East Coast. The proposed improvements will provide quality-of-life improvements to numerous communities with the addition of four new noise walls and will replace or rehabilitate five bridges that are more than 50 years old. All-electronic toll collection will be in place along the extension, which is expected to open to traffic in December 2022.



### **I-895 BRIDGE PROJECT**

At its December 2017 meeting, the MDTA Board approved this \$290 million project for construction, which will rehabilitate the Baltimore Harbor Tunnel and replace the structurally deficient bridge north of the tunnel on I-895. Work also includes replacing an exit ramp and repairs to the tunnel portal, approach ramps and walls, deck, fire suppression system and tiles. The three-mile project will require extensive lane closures and is scheduled for completion in 2021.

### **CURTIS CREEK DRAWBRIDGE PROJECT**

The \$24 million project to rehabilitate the structural, mechanical and electrical components of the Curtis Creek Drawbridge began in December 2017. One direction (loop) of I-695 will be closed 24/7 during the work, and two-way traffic will operate in the open loop. Lanes are expected to reopen in November 2018.



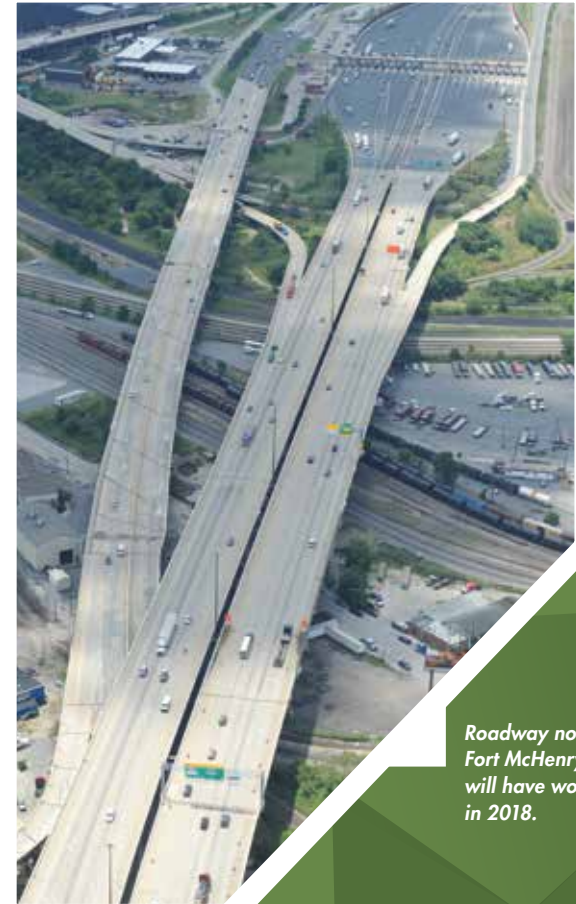
*The Curtis Creek Drawbridge*

### **I-95 IMPROVEMENT PROJECT AT THE FORT MCHENRY TUNNEL**

This \$49.4 million project to reconfigure travel lanes on a four-mile stretch of I-95 north of the Fort McHenry Tunnel will provide four continuous lanes on I-95 between the Tunnel and Moravia Road. The current roadway has three lanes with merge lanes in several sections. This safety and capacity project will increase reliability of travel times on this section of I-95. The project is expected to be complete in summer 2018 in advance of the I-895 Bridge Project to provide alternative routes for motorists.

### **ALL ELECTRONIC TOLLING (AET) CONVERSION**

Over the next several years, the MDTA plans to convert its facilities to all-electronic tolling (AET), meaning tolls are collected automatically at highway speeds using *E-ZPass* or Video Tolling (post-usage billing). Currently, AET is used on the Intercounty Connector (ICC)/MD 200 and I-95 Express Toll Lanes (ETL). AET provides numerous benefits to MDTA customers, including improved customer convenience, reduced emissions, safety and potential long-term reduction in toll-collection and maintenance costs.



*Roadway north of Fort McHenry Tunnel will have work completed in 2018.*

# ► CONSOLIDATED TRANSPORTATION PROGRAM



The MDTA's current six-year Consolidated Transportation Program (CTP) invests more than \$2.6 billion and includes projects to preserve our facilities for years to come. In FY 2018 alone, the MDTA's annual capital program is nearly \$325 million. Our CTP consists of 244 projects that range from minor renovations to large-scale construction projects. Projects are organized by three major components for the six-year program.

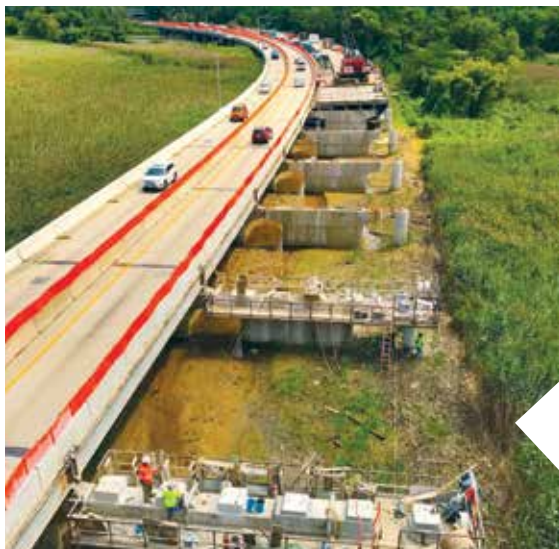
- **Construction Program:** 64 projects with a total budget of more than \$1.6 billion.
- **Development and Evaluation Program:** 5 projects with a total budget of more than \$8.7 million.
- **Minor Projects Program:** 175 projects with a total budget of more than \$1.0 billion.



The MDTA focuses on System Preservation to ensure that its aging infrastructure is safe and in good working condition. In addition to annual inspections and repairs based on findings, the MDTA has programmed projects to address cyclic preservation needs such as deck sealing, painting, deck repair, deck replacement, substructure rehabilitation, superstructure repairs and full structure replacements. The System Preservation Program for FY 2018 – 2023 is comprised of 207 projects with a total budget of almost \$1.6 billion – approximately 59 percent of the MDTA's six-year CTP total.

### **PATAPSCO FLATS**

A \$61.2 million project is underway to replace the bridge deck and superstructure for the bridge carrying I-895 over the Patapsco River Flats, located between Exit 4 (MD 295) and Exit 6 (I-97 and MD 2 spur road). In early 2017, the northbound bridge closed 24/7 for construction and two-way traffic operated on the southbound bridge. In spring 2018, the southbound bridge will close 24/7 and two-traffic will operate on the reopened northbound bridge. The entire project is anticipated to be complete in summer 2019 and will replace the bridge's



superstructure in its entirety, which also will reduce the number of bridge roadway joints for a smoother ride.

### **BAY BRIDGE WESTBOUND SUSPENSION SPAN REHABILITATION**

As part of the MDTA's \$36.3 million rehabilitation project for the westbound suspension span, crews installed access platforms in various locations along and beneath the westbound Bay Bridge roadway in fall 2016 and installed access platforms at the top of the two main towers in spring 2017. The platforms will remain for the duration of the project, reducing the need for and the frequency of lane closures. In fall 2017, crews began working on the cables around the clock and also accessing the tops of the towers via the cables. The entire project is expected to be complete in summer 2018. Work includes the installation of supplemental cables, rehabilitation of the suspension span superstructure and bearings and priority repairs found during annual inspections.

### **BAY BRIDGE PAINTING**

A project to clean and paint the structural steel components of the westbound Bay Bridge began in 2011. Interestingly, the MDTA invests more annually in cleaning and maintaining the bridge than the original span cost to construct. The project is being completed in four phases and includes the painting of girder, deck-truss, through-truss and suspension spans, the suspension towers and steel rail posts. Phases 1 and 2 were completed in October 2013, and phase 3 was completed in May 2015. The final phase of westbound span painting began in summer 2017 will involve cleaning and painting the through-truss span and welded steel-girder spans on the eastern portion of the bridge.

***I-895 Patapsco Flats  
Superstructure Replacement***



***Bay Bridge Painting***



***Bay Bridge Suspension Span Rehabilitation***



## WORK CONTINUES ON WESTBOUND BAY BRIDGE SUSPENSION SPAN

Motorists may notice an increase in the number of workers on the westbound Bay Bridge (US 50/301) suspension cables. Crews are working on the cables and also accessing the tops of the towers via the cables. Work occurs around the clock, however, any lane closures associated with the work take place during regularly-scheduled, off-peak temporary daytime and night-time lane closures.

The project began in summer 2016 and is expected to be complete in summer 2018.

### ► CONSOLIDATED TRANSPORTATION PROGRAM (continued)

#### HARBOR TUNNEL FAN REPLACEMENT

A \$70.5 million project to replace the ventilation fans at the Harbor Tunnel began in late 2016. Work includes demolishing the old fans and installing new ones. The project is expected to be complete in early 2023. The seven-year contract consists of five years construction and two years warranty.

#### FORT MCHENRY TUNNEL LIGHTING REPLACEMENT

The lights in the Fort McHenry Tunnel will be completely replaced as part of a \$21.7 million project. The project began in early 2017 and involves removing the old lights and installing new energy-efficient LED lights based on the available bore each night. The project is expected to be complete in spring 2019.



*New ventilation fans being installed at the Harbor Tunnel*



## PLANNING STUDIES

### I-95 ACCESS IMPROVEMENTS FOR PORT COVINGTON

The purpose of this project is to evaluate infrastructure improvements to address traffic needs as a result of the planned development on the Port Covington peninsula in Baltimore. The MDTA and Baltimore City Department of Transportation are considering access improvements to and from I-95 and improvements to the local road network including Hanover Street, McComas Street and Key Highway to enhance and accommodate increased multimodal travel demand from the redevelopment. The study area extends approximately five miles from Caton Avenue to the Fort McHenry Tunnel. The alternatives development and Environmental Assessment (EA) review process will occur during a 27-month period, with anticipated completion in summer 2018. The Draft EA release to the public is anticipated in mid-March and the public-comment period will run for 45 days. Two public hearings will be held this spring. A video of the public hearing slide presentation will be posted to the project website.



## STRATEGIC FACILITIES MASTER PLAN

The Strategic Facilities Master Plan was developed to serve as a guide for improving and optimizing MDTA's current facilities in response to future system operational changes and growth needs. This included assessing current facility conditions, evaluating short- and long-term space requirements, developing improvement options, evaluating capital cost estimates and recommending a preferred path forward. The Kennedy Highway and Hatem Bridge were selected as the initial portion of the statewide system to be studied and have been completed. The project team also recently completed the Facility Condition assessment for the Baltimore Harbor and Fort McHenry tunnels.



*I-95 North of Fort McHenry Tunnel*



*Hatem Bridge*



*I-895 Patapsco Flats*



*I-895 Patapsco Flats*



# SAFETY

The MDTA is committed to maintaining the safety of its employees and customers and the integrity of Maryland's transportation infrastructure.



The Office of Engineering and Construction utilizes their innovative maintenance of traffic (MOT) safety program to continue to provide the safest and most efficient traffic environment possible for customers and contractors on all MDTA projects. Inspectors are required to report on MOT safety daily and an independent traffic engineer performs random inspections on active construction projects to ensure compliance. New construction inspection employees and contractors become certified in the MOT safety program as part of their onboard training. In addition, the Division of Construction performs On-Site Safety Inspections and follows a comprehensive MDTA Safety Program Manual.

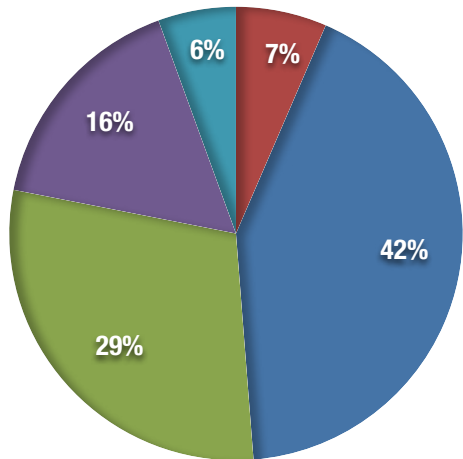
## FACILITY INSPECTIONS

The MDTA is committed to maintaining the safety and integrity of Maryland's transportation infrastructure. During the last 10 years, the MDTA has strengthened its bridge and tunnel inspection program to exceed national standards by increasing budgets devoted to inspections, supplementing staff dedicated to inspections, instituting requirements for more comprehensive "hands-on" inspections and enhancing procedures for addressing identified deficiencies.

	DECK	SUPERSTRUCTURE	SUBSTRUCTURE	NBIS RATINGS
FRANCIS SCOTT KEY BRIDGE	6	6	6	0 – FAILED
BAY BRIDGE (Eastbound)	6	6	6	1 – IMMINENT FAILURE
BAY BRIDGE (Westbound)	6	5	6	2 – CRITICAL
THOMAS J. HATEM BRIDGE	7	6	6	3 – SERIOUS
HARRY W. NICE BRIDGE	5	5	5	4 – POOR
MILLARD E. TYDINGS BRIDGE	6	5	6	5 – FAIR
				6 – SATISFACTORY
				7 – GOOD
				8 – VERY GOOD
				9 – EXCELLENT

In 2016, the MDTA completed development of Element Level Inspection (ELI) criteria for bridge inspection in cooperation with MDOT SHA and in accordance with FHWA guidelines. These criteria have been used since the 2016 facility inspections of workhorse and signature bridges and allow for improved quantification of deficiencies where they exist.

Independent, certified and nationally experienced engineering firms inspect all bridges, tunnels, roadways, lighting and signage annually. Inspections are performed from September through June each year. In 2017, 28 consultant and sub-consultant firms performed \$14.5 million in inspection services.



**▲ SUPERSTRUCTURE CONDITION ▲**

- 5 - Fair (7%)
- 6 - Satisfactory (42%)
- 7 - Good (29%)
- 8 - Very Good (16%)
- N - Not Applicable\* (6%)

RATING	COUNT
5 - Fair (24)	24
6 - Satisfactory (135)	135
7 - Good (93)	93
8 - Very Good (53)	53
N - Not Applicable* (18)	18
<b>GRAND TOTAL</b>	<b>323</b>

All facilities were found to “be maintained in good repair, working order, and condition.”

In 2016, MDTA completed its own Facility Tunnel Inspection Manual which included new FHWA guidelines for means and methods of inspecting tunnels. The MDTA invested in the extensive training and certification of employee experts as well as consultant inspectors in the use of the manual to comply with the requirements of National Tunnel Inspection Standards (NTIS). In 2017, the Authority Structure Inspection and Recommendations (ASIR) database was customized to accommodate NTIS compliant tunnel inspections, reports and data. Inspections in 2017 resulted in an overall condition rating for the Fort McHenry Tunnel of 6. The Baltimore Harbor Tunnel also received an overall rating of 5.

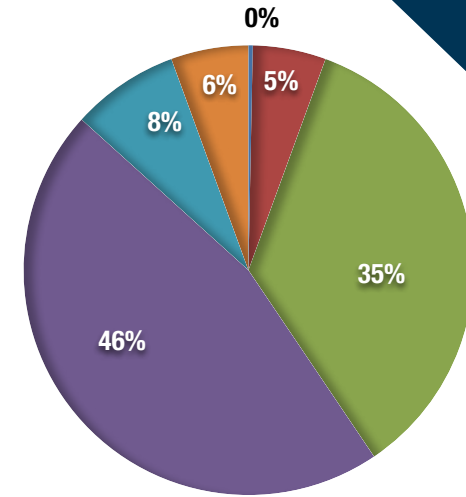
The MDTA inspected 324 bridges in 2017 that meet the Federal Highway Administration definition, including the large and complex signature structures. The National Bridge Inspection Standards (NBIS) for bridge structures require separate and specific condition ratings for the primary components of each bridge.

**► SUBSTRUCTURE CONDITION ►**

- 5 - Fair (10%)
- 6 - Satisfactory (41%)
- 7 - Good (28%)
- 8 - Very Good (15%)
- N - Not Applicable\* (6%)

RATING	COUNT
5 - Fair (33)	33
6 - Satisfactory (132)	132
7 - Good (91)	91
8 - Very Good (49)	49
N - Not Applicable* (18)	18
<b>GRAND TOTAL</b>	<b>323</b>

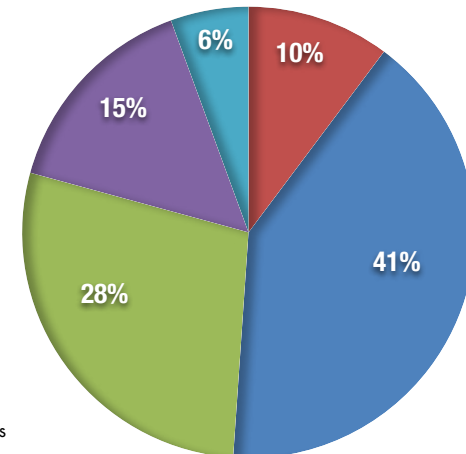
\*NOTE: NBIS ratings for component condition are not applicable to culverts lacking the respective components (deck, superstructure, substructure).



**▲ DECK CONDITION ▲**

- 4 - Poor (0%)
- 5 - Fair (5%)
- 6 - Satisfactory (35%)
- 7 - Good (46%)
- 8 - Very Good (8%)
- N - Not Applicable\* (6%)

RATING	COUNT
4 - Poor (1)	1
5 - Fair (17)	17
6 - Satisfactory (113)	113
7 - Good (149)	149
8 - Very Good (25)	25
N - Not Applicable* (18)	18
<b>GRAND TOTAL</b>	<b>323</b>





**Bridge Inspection**

These components are the deck, superstructure (beams, girders, etc.) and substructure (piers and abutments). The information on the previous page is from the 2017 inspection data documented in the ASIR database.

All MDTA bridges allow for legally loaded vehicles, emergency vehicles and school buses to traverse safely. The MDTA has just one bridge classified “structurally deficient” due to deck condition. The I-895 Bridge Project (Canton Viaduct) on I-895 just north of the tunnel is expected to begin in April 2018.

The table and charts on the previous page summarize the condition ratings by component for the 324 bridges that the MDTA inspected.



**Courtesy Patrol**

## COURTESY PATROLS

Courtesy Patrols, staffed by our Vehicle Recovery Unit staff, are vital to customer service and safety on our roadways, especially with numerous work zones agency-wide. By assisting drivers of disabled vehicles with gasoline, flat tires and other minor repairs, patrols

minimize the risk for crashes and congestion from stopped vehicles – a necessity for facilities without roadway shoulders like our bridges and tunnels. Staff also assist with incident-management efforts and tow disabled vehicles to expedite emergency response and incident clearing. They are crucial to keeping traffic moving during rush hours, holiday travel periods and other peak-travel times, as well as during major weather events.

The Vehicle Recovery Unit provides 24-hour coverage at the Bay Bridge, Key Bridge, Baltimore Harbor Tunnel and Fort McHenry Tunnel; and peak-travel coverage at the Kennedy Highway and the ICC/MD 200. In 2017, patrols assisted the drivers of more than 8,500 disabled vehicles, removed more than 5,500 of those vehicles from MDTA roadways and changed more than 6,000 flat tires. The unit logged more than 35,000 assists and more than 1.2 million patrol miles. In 2017, appreciative customers sent more than 50 emails and letters commending the patrols and our employees.

Vehicle Recovery Units are now equipped with Automated External Defibrillators (AED) thanks to the collaborative efforts of Operations and the Office of Safety, Environment and Risk Management. All emergency patrols and supervisors have this equipment on-board in the event a customer, contractor or employee has a cardiac event on one of our roadways. Personnel are trained to use the AED units and to perform CPR. Using an AED, along with CPR, increases the survival rate by 40 to 60 percent.



**Courtesy Patrol**



## EMPLOYEE SAFETY EFFORTS

The MDTA's Office of Environment, Safety and Risk Management (OESRM) hosted the annual June Safety Month Conference and Expo for employees on June 13. Six vendors were on-hand to provide information on safety and health resources.

Presentations on injury claim management, emergency preparedness and safety and the Americans with Disabilities Act were made, and the Johns Hopkins CARES Mobile Safety Center was on-site and provided attendees with more than 20 different interactive and educational safety exhibits used to show hidden injury risks in a home.



*Mobile Safety Center at the June Safety Month Conference and Expo*



*June Safety Month Conference and Expo vendors*



## EMPLOYEES MAKE OUR WORKPLACE SAFER

The Kennedy Highway Maintenance II's Environmental/Safety Committee – Dave Gatchell, Robert Watts, Karen Napier, Chanse Scott, Ed Costello and James Way – identified a hazardous condition in the workplace that needed to be addressed. Steps to access the generator at the Hatem Bridge were inadequate and unsafe. The group discussed and formulated a solution, obtained the necessary resources and eliminated a workplace hazard for all employees.

► E-ZPASS

# CUSTOMER SERVICE



April 2017 marked 18 years of electronic toll collection in Maryland. In those 18 years, *E-ZPass* use has grown consistently each year. More than 1.8 million *E-ZPass* Maryland transponders are on the move, and 78.4% of all traffic at MDTA facilities uses *E-ZPass* to pay tolls electronically. In fact, 93.3% and 78.5% of customers using the Hatem Bridge and Key Bridge, respectively, pay by *E-ZPass*. Additionally, 86.3% pay by *E-ZPass* on the ICC and 96.6% pay by *E-ZPass* on the I-95 Express Toll Lanes – the State’s two all-electronic toll roads.



*Customers learn more about E-ZPass Maryland during outreach events.*



In its continuing efforts to create EZ Passage throughout Maryland, the MDTA continues to enhance customer service and tolling operations at its facilities:

- ▶ **In February**, *E-ZPass* Maryland Customer Service Centers (walk-in) changed their hours to 8:30 a.m. to 4:30 p.m. This change brought consistency with the hours across all centers.
- ▶ **The MDTA's** *E-ZPass* Operations staff assisted more than 13,500 customers.
- ▶ ***E-ZPass* Operations** has taken measures to help alleviate its customer inquiry backlog, including increasing staff, streamlining processes and implementing new waiver guidelines, which were developed to increase account specialists' ability to resolve issues and satisfy customers quickly. As more of these changes are implemented, the backlog will continue to decrease and timeliness and service quality will continue to improve. The backlog of approximately 1,200 customer inquiries in queue has been cleared, and the average number of open cases in queue per week is 64 – a 95% reduction! In addition, the average processing time is less than seven days.
- ▶ The MDTA's ***E-ZPass* Outreach Team** provided information to large employers, businesses and civic organizations on *E-ZPass* Maryland and how to use the ICC/MD 200 and I-95 ETL. During 2017, the group sold 1,511 transponders and shared information with almost 8,000 citizens during 136 local events and visits to area businesses. The *E-ZPass* Outreach Team also expanded sales to all Maryland Weis Markets and visited with customers



***E-ZPass* Outreach Team**

at the Maryland State Fair and Montgomery County Agricultural Fair and sold 111 and 90 *E-ZPass* transponders, respectively!

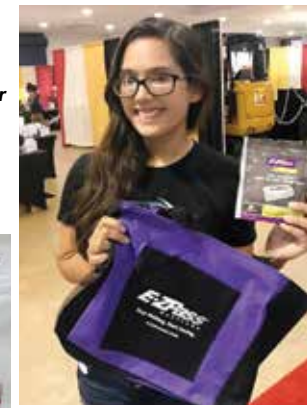
- ▶ **To clarify toll rate** information for our customers, we removed confusing *E-ZPass* rate information and cleared any unnecessary wording from the booths. In addition, we added a "Save 25% or More/ezpassmd.com" sign to the base of the windows to educate customers that they can save money with *E-ZPass*. We received positive feedback from our customers and toll collectors regarding the change.
- ▶ **The MDTA and MDOT MVA** joined forces to provide customers with the ability to purchase an *E-ZPass* Maryland "On the Go" following vehicle-related transactions (such as registration renewal) on MDOT MVA's website. So far, almost 13,000 transponders have been sold!

**New *E-ZPass* "On the Go" packaging**



- ▶ **The speed limit** in the far-left, *E-ZPass* Express Lanes at the Fort McHenry Tunnel and Francis Scott Key Bridge toll plazas increased from 30 MPH to 40 MPH. The speed limit increase will enhance safety and help traffic flow more efficiently through the toll plazas.

**A happy customer**





► LAW

# ENFORCEMENT

The nationally accredited Maryland Transportation Authority (MDTA) Police keeps Maryland's citizens and visitors safe and secure as they use vital transportation assets like MDTA bridges, tunnels and highways, the Port of Baltimore and BWI Thurgood Marshall Airport.

Throughout the year, the MDTA Police hit the roads to enhance travel safety through High Visibility Enforcement to prevent traffic crashes and injuries on our roadways. In addition, the MDTA Police conducted DUI saturation patrols and participated in the "Click It or Ticket" campaign for seatbelt enforcement, the "You Text. You Drive. You Pay." distracted driving campaign and the "Toward Zero Deaths" campaign. There were 98,918 traffic stops conducted by MDTA Police officers during 2017. Also in 2017, officers made 492 criminal arrests, 1,035 arrests for suspected DUI offenses and issued 70,609 traffic citations and 97,292 traffic warnings – of which 2,228 were for distracted driving offenses, 10,873 were for exceeding the maximum speed limit, 1,619 were for adult seatbelt-related citations and 190 were for child seatbelt-related citations. In addition to providing law-enforcement services, our police conduct commercial-vehicle safety and post-crash inspections and enforcement activities at all facilities under MDTA jurisdiction.



*Firearms Training*

The Commercial Vehicle Safety Unit (CVSU) includes uniformed MDTA Police officers, civilian motor carrier inspectors and police cadets. In 2017, the CVSU inspected 29,732 vehicles. Of those, 4,159 vehicles were found to be overweight, which negatively impacts their safe operation. The unit took 5,185 vehicles and 2,102 drivers out-of-service to help preserve our roadways and facilities.

### OTHER LAW-ENFORCEMENT HIGHLIGHTS INCLUDE:

- ▶ **On Jan. 9**, the MDTA Police along with law enforcement from around the State were recognized by Governor Hogan during National Law Enforcement Appreciation Day at the State House.
- ▶ **MDTA Police supervisors** attended the International Association of Chiefs of Police's Leadership in Police Organizations (LPO) development training program. The three-week LPO course explored leadership at different levels in the organization -- leading individuals, leading groups and leading organizations. The course, designed



*Keeping Maryland's citizens and visitors safe and secure*

for first-line supervisors and above, emphasizes applied learning, translation of theory practice and practical leadership strategies.

- ▶ **The MDTA Police** hosted one-day cadet processing events on April 15 and June 17, seeking young men and women, 18 – 20 years old, who would represent the agency's guiding principles of honesty, integrity, dignity and dedication as a police cadet.
- ▶ **The cadet program** was enhanced with 10 new positions. These new positions increased our cadet force from four to 14 positions in support of CVSU and, in the long term, personnel to fill vacant officer positions.
- ▶ **Members** of the MDTA Police Academy Class 49 graduated on April 6 and included 16 newly graduated officers who were honored by Governor Larry Hogan and others during the event.
- ▶ **On May 5**, the MDTA Police honored their seven Fallen Officers and their surviving family members at the MDTA Police Memorial Garden. Off. George Neil Ramsburg; Off. Robert Franklin Pyles, Sr.; Off. Thomas (Jackie) Roland Crouch; Off. Duke G. Aaron, III; Off. Grant Francis Turner; Cpl. Robert Thomas Krauss and Cpl. Courtney Gerald Brooks were honored during the annual event.
- ▶ **The MDTA Police** were part of a 37 law-enforcement agency sting to target and reduce human trafficking nationwide. The effort, known as the National Johns Suppression Initiative (NJSI), led to more than 1,000 arrests. This is the 14<sup>th</sup> NJSI effort and included agencies across 17 states. In total, at least 1,020 sex buyers were arrested, 15 individuals face trafficking-related charges and 81 individuals were rescued and offered services.



*Seven Fallen Officers and their surviving family members were honored at the MDTA Police Memorial Garden. Off. George Neil Ramsburg; Off. Robert Franklin Pyles, Sr.; Off. Thomas (Jackie) Roland Crouch; Off. Duke G. Aaron, III; Off. Grant Francis Turner; Cpl. Robert Thomas Krauss and Cpl. Courtney Gerald Brooks.*

► LAW ENFORCEMENT (continued)



Traffic enforcement on the ICC/MD 200

- **On Nov. 15**, the MDTA Police hosted an event highlighting National Traffic Incident Management (TIM) week. TIM consists of a planned and coordinated multi-disciplinary process to detect, respond to and clear crashes so that traffic flow may be restored as safely and quickly as possible. A demonstration/scenario showed what takes place during an actual highway traffic incident. Ride-alongs also were available with an MDTA vehicle recovery technician, an MDOT State Highway Administration CHART representative and personnel from the MDTA Police and Maryland State Police.
- **Commission** on Accreditation for Law Enforcement Agencies (CALEA) assessors recommended unanimously for the MDTA Police to receive re-accreditation for Communications, Law Enforcement and Training, maintaining its CALEA Tri-Arc Award status. Their recommendation will be made to the Commissioners for consideration and final approval during the March 2018 Conference.
- **The MDTA Police** fully implemented its Small Unmanned Aircraft System (also referred to as a drone) Program. The primary purpose of starting a Small Unmanned Aircraft System (sUAS) Program is

for efficient traffic management. The sUAS will be used primarily by the Collision Reconstruction Unit to document and collect evidence at serious/fatal collision scenes through the use of 3D mapping and surveying technologies. Testing and evaluation has indicated this will significantly reduce the amount of time it takes to properly conduct a collision scene investigation and reopen lanes to restore traffic flow. Enhancements to the program will continue in 2018.

- **On Jan. 23**, an MDTA Police officer stopped Issam Ali Ahmad, 53, of Raleigh, N.C., on northbound I-95 in Harford County for exceeding the posted speed limit. During a subsequent probable cause search of the vehicle, officers located nearly 1,200 cartons of cigarettes in the rear of the vehicle. Officers took Ahmad into custody without incident. The untaxed cigarettes have a retail value exceeding \$77,000. The total tax loss for the state would have exceeded \$24,000.



K-9 enforcement at BWI Marshall Airport

- **On Sept. 7**, the MDTA Police arrested two individuals from North Carolina who were wanted for murder and who had two firearms in their possession. An MDTA Police officer stopped a 23-year-old on northbound I-95 at Exit 64 in Baltimore County for an equipment violation on a 2011 Dodge Avenger. During the traffic stop, MDTA officers were advised that the vehicle stopped was connected to a homicide in Catawba, NC. The passenger in the vehicle was wanted for murder by the Catawba County Sheriff's Office. Both were taken into custody without incident.
- **Major improvements** in overall crash reduction from 2016 – Total crashes down 3 percent, injury crashes down 26 percent, fatal crashes reduced from six in 2016 to one in 2017.
- **Significant increase** in highway safety due to a 7 percent increase in DUI Arrests in 2017, taking dangerous drivers off our roadways.



# ▶ HOMELAND SECURITY HIGHLIGHTS

The State of Maryland continues to make homeland security a top priority. The MDTA Police work directly with the Maryland Emergency Management Agency (MEMA) to provide incident

management and terrorism prevention services to the citizens of Maryland. Officers also partner with federal, state and local officials as part of the Maryland Coordination and Analysis Center (MCAC), the High Intensity Drug Trafficking Area Task Force (HIDTA) and the Joint Terrorism Task Force (JTTF). The Maryland Anti-Terrorism Advisory Council (ATAC), which leads and coordinates anti-terrorism efforts in Maryland, is chaired by the U.S. Attorney for Maryland. MDTA Police Chief Col. Jerry Jones is part of the Executive Committee.

These task forces consist of multi-area jurisdictions that work with our federal law-enforcement partners. The goal of these task forces is to prevent and intercept drug and terrorist activities that can affect our communities and transportation infrastructure.

## COMMUNICATIONS UNIT

The MDTA Police Communications Unit coordinates the delivery of emergency services for the MDTA Police and Maryland Aviation Administration Fire/Rescue. Our Communications Center is staffed 24/7 by trained emergency dispatchers. These professionals are responsible for receiving and documenting calls from citizens, dispatching resources as necessary, monitoring alarms, performing records checks, relaying information and coordinating mutual-aid requests from other agencies. During 2017, the MDTA Police Communications Unit handled 313,245 calls for service. Our dispatchers are vital to the safety of our officers and customers who request assistance.



*Dispatcher*

# ► ENVIRONMENTAL SUSTAINABILITY

MDTA employees celebrated throughout the month of April, culminating with an annual Earth Day Fair held April 17. During the Fair, employees had the opportunity to speak with exhibitors about a variety of environmental topics, including the folks behind the “Mr. Trash Wheel,” which is a hybrid of new and old technology. By using solar energy and the power of hydrology, the wheel seamlessly collects – literally – tons of trash from Baltimore’s Inner Harbor. The Office of Environment, Safety and Risk Management (OESRM) held the agency’s 3<sup>rd</sup> Annual Reused/Recycled Material Art Contest and continued MDTA’s annual recycling competition between its facilities. A few years ago, the OESRM added a field trip component to



*Earth Day Fair*



*2016 Shoreline Clean-up  
Project Award*

MDTA's Earth Month activities. In 2017, MDTA employees were given the opportunities to tour Baltimore's waste-to-energy facility, called the Wheelabrator, and Baltimore County's recycling center located in Sykesville. Connecting MDTA employees to these facilities helps emphasize the importance of participating in local programs for materials reuse, waste reduction and recycling conservation.

## REDUCE, REUSE, RECYCLE!

The MDTA continues to grow its recycling efforts. In 2007, the MDTA reported a recycling rate of 4.5%. By 2017 the recycling rate was 21%, which is above the mandated minimum level of 15%. Since 2009, the OESRM has worked with employees to carry out its recycling program for Maryland Recycling Act (MRA) materials: cardboard, paper, bottles and cans, rubber, fluorescent lamps, ballasts, printer/toner cartridges, electronics and batteries. Although other materials from our maintenance and automotive shops do not count toward the MRA recycling figure, MDTA



Earth Month field trip

shops remain dedicated to recycling. They recycle scrap metal, concrete, street sweeper dirt, sewage sludge, wastewater, wood and used oil. Together, the combined efforts of office, maintenance and automotive personnel resulted in the recycling of 1,471 tons of materials during 2017.

In 2017, by recycling 61.18 tons of paper and cardboard, the MDTA single-handedly contributed to the conservation of approximately 325 trees, 3,096 gallons of oil, 32,695 kilowatt (kW) hours of electricity and 97,964 gallons of water. By recycling 124 tons of scrap metal, we contributed to the conservation of another 9,424 gallons of oil and a whopping 1,471,136 kW hours of electricity. Lastly, we recycled 37.34 tons of bottles and cans, which contributed to an additional conservation of approximately 8,093 kW hours of electricity and 1,379 gallons of oil.

The MDTA also conserved kilowatt hours at its facilities – nearly 1.5 million kWh. That conservation would meet the energy needs of 139 customers during a 12-month period!

## SINGLE-STREAM RECYCLING

Single-stream recycling is now available at the Bay Bridge, Intercounty Connector, Baltimore Harbor Tunnel, Point Breeze, Fort McHenry Tunnel and Key Bridge. The Nice Bridge, Kennedy Highway (I and II), Maryland State Police Barrack M, I-95 Commercial Vehicle Weigh and Inspection Stations



Annual Reused/Recycled Material Art Contest

and the Hatem Bridge were already recycling via this method.

## GOING GREEN FOR ENERGY CONSERVATION

During the last year, the Kennedy Highway's Maintenance II facility made several strides toward sustainability. The facility converted from using heating oil via an underground storage tank to using propane gas. Not only is propane a more environmentally friendly practice, but the MDTA reduces its energy source liability by eliminating the use of an underground storage tank. Additionally, the facility installed a solar water heater, and the entire region remains on track to continue replacing old water heaters with tankless water heaters for efficiency. At the Baltimore Harbor Tunnel, the Office of Engineering and Construction converted the Fairfield Emergency Garage from heating oil via an underground storage tank to propane gas for heating purposes.





*PARK(ing) Day at the MDTA*

## PARK(ing) DAY EVENT

The MDTA's first PARK(ing) Day event was held Sept. 15. This is an annual global event in which parking spaces are temporarily transformed into "PARK(ing)" spaces, or temporary public places. Employees were encouraged to enjoy some outdoor time in the "Park" with environmentally focused carnival games, snacks, a raffle and fun-filled competition.

## SHORELINE CLEANUP HONORED

In 2017, the MDTA's 2016 Shoreline Clean-Up Project won the Maryland Department of Transportation's Environmental Excellence Award in the Environmental Hero category. The Office of Environment, Safety and Risk Management; Operations; Police and Communications collaborated to make this a success.

## STORMWATER MANAGEMENT EFFORTS

The MDTA Environmental Engineering Department continues to work diligently to meet MS4 permit requirements to minimize stormwater pollutants in the Chesapeake Bay, known as the total maximum daily load (TMDL) for Bay restoration. To meet the TMDL requirements, the Office of Engineering and Construction (OEC) has been adding stormwater management best management practices (BMPs) along our older roadways to treat previously untreated runoff. OEC also plans to begin several tree planting projects that will help meet the TMDL requirement. Staff also worked with the Kennedy Highway's Maintenance I team to initiate a joint project in which OEC designed the landscaping layout and Operations completed the planting and maintenance.



*Charging stations at the Maryland House and Chesapeake House travel plazas*

## CHARGING STATIONS AVAILABLE AT TRAVEL PLAZAS

On Nov. 16, the MDTA and its travel plaza partner Areas USA were joined by MDOT Deputy Secretary R. Earl Lewis, Jr. in announcing that electric vehicle charging stations are operational at the Maryland House and Chesapeake House travel plazas on I-95 in northeast Maryland. The Maryland House and Chesapeake House each have four universal charging stations plus one more station in a handicapped-accessible parking space. The Maryland House has eight Tesla charging stations and the Chesapeake House has ten Tesla charging stations (only for use with Tesla vehicles). The Tesla charging stations were installed at no cost to the MDTA. The universal charging stations were provided thanks to the Electric Vehicle Institute and a grant from the Maryland Energy Administration. The stations at Maryland's travel plazas join a growing list of more than 420 Supercharger Stations in North America.

## ► COMMUNICATIONS AND COMMUNITY



In 2017, the MDTA's Division of Communications (DOC) continued to keep customer service at the forefront of the agency's operations. Using public relations, education efforts, grassroots marketing and new technologies, the team is committed to providing customers with the tools necessary to plan their daily commutes and their vacations.

The 1-877-BAYSPAN (229-7726) hotline for 24/7 Bay Bridge traffic conditions continues to be an invaluable resource for residents, commuters and travelers and is coordinated with Maryland's 511 traveler information system. In 2017, the hotline received more than 594,000 calls.

Baybridge.com remained an extremely popular information source, with more than 446,000 unique visitors accessing the website during 2017. In addition, [mdta.maryland.gov](http://mdta.maryland.gov) continued to provide valuable information about all facets of the agency. More than 664,000 unique visitors browsed the site in 2017. Both [mdta.maryland.gov](http://mdta.maryland.gov) and [baybridge.com](http://baybridge.com) feature responsive design, which makes the sites easily viewable from desktop computers, tablets and



mdta.maryland.gov



MDTA's new text alert function

smartphones. Nearly 56% of mdta.maryland.gov users and 66% of baybridge.com users access the websites via mobile devices and tablets.

At the end of 2017, the MDTA rolled out new email/text alerts via GovDelivery. This tool allows us to connect more efficiently with our customers and expand our reach. Motorists now have the ability to stay on top of ongoing roadwork and projects based on their commuter route via email/text alerts. Previously, Bay Bridge commuters were only able to sign up for email alerts at baybridge.com. But with GovDelivery, all of our commuters will be able to sign up for emails/text alerts for any of our facilities that they travel via mdta.maryland.gov.

The MDTA Twitter and Facebook accounts are valuable tools for our customers to get real-time information about our facilities throughout the State. These platforms allow us to reach our customers quickly, allow media outlets and other transportation agencies to retweet our messages directly to their followers and give our customers another avenue to voice their concerns directly and receive a timely response with resolution. In 2017, the MDTA sent more than 3,600 tweets and garnered more than 22,300 Twitter followers and nearly 30,000 "likes" on Facebook. The MDTA also expanded its social-media platforms to include Flickr and Instagram.

The power of social media was alive and well when the Division of Communications put the call out to find this little guy's owner after he was found along the side of the road on I-95 at the

Fort McHenry Tunnel. We had no idea the response would be so great. All three Baltimore-area television stations and more than 2,900 individuals shared the Facebook post – that's a social media reach of more than 231,000!



Lost along the side of the road on I-95 at the Fort McHenry Tunnel, social media was key to trying to help our furry friend find his way back home.

A new E-ZPass Maryland marketing campaign ran throughout the summer to encourage customers to "Stop Waiting. Start Saving." The campaign included radio advertising, digital and static billboards and digital marketing. The campaign was focused on educating customers on the benefits of having a Maryland E-ZPass for faster, reliable, less expensive and easier ways to travel.





Summer Travel Campaign bus wrap in Ocean City

Our annual holiday campaign began in November, promoting the purchase of E-ZPass "On the Go" as the perfect holiday gift. This year's advertising materials included the Maryland crab sticker often seen on the back of vehicles and included messages encouraging Marylanders to join E-ZPass and "Stick it on and Go." The campaign included traditional marketing, as well as digital and social media using geo-fencing technologies.

#### OTHER CUSTOMER SERVICE AND COMMUNITY HIGHLIGHTS FOR THIS YEAR INCLUDED:

- ▶ During 2017, DOC staff handled more than 4,600 customer calls, 1,400 emails, 332 pieces of correspondence, 203 Public Information Act requests and more than 180 media contacts and inquiries. In addition, more than 200 traffic advisories and news releases were provided to media outlets.
- ▶ Executive Director Kevin Reigrut met with Know It All Ambassadors on Jan.19 and throughout the year to discuss keeping communication lines open and employees engaged. The goal of the Know It All program is to have the most informed team in the State by increasing the number of employees who receive information on a timely basis. Employee Ambassadors are thinking "outside of the box" for ways to communicate with their coworkers, as many operations employees do not have regular computer access.



Bay Bridge Street Teams in Ocean City

- ▶ The 2017 Bay Bridge Summer Travel campaign encouraged motorists to Plan Ahead (Avoid the Flock) and Use Seat Belts and discouraged them from Tailgating and Texting. Grassroots marketing included placing materials in 70 local businesses, restaurants and bars, including posters, mirror clings, floor graphics, coasters and banners. Street Teams distributed Bay Span information to travelers in Ocean City along the Boardwalk during heavily traveled summer weekends, as well as during a Raven's game at M&T Bank Stadium. The Bay Span message reached its audience more than 201 million times through radio, digital, out-of-home, print and social media.



Campaign billboard on US 50



Bay Bridge Street Teams at the Raven's game



*I-95 Safety Fair*



*Executive Director Kevin Reigut with the Know It All Ambassadors*

- The Division of Statutory Programs Compliance is responsible for the agency's outreach program entitled "Getting Your Foot in the Door." With Governor Hogan's Administration focus of "Maryland is Open for Business," the MDTA initiated outreach related to "Back to the Basics." In 2017, the division once again partnered with other agencies and conducted three outreach events focused on minority contracting opportunities. The events attracted between 60 and 81 participants each. The MDTA achieved 27% participation on its MBE Program Goal during 2017.
- Our travel plaza partners at Areas USA continued to make a difference in the community they serve. Donations collected from Maryland House and Chesapeake House travel plaza customers raised funds for the Bayside Community Network (\$150,000), Boys and Girls Clubs (\$72,000) and Habitat for Humanity (\$25,000).

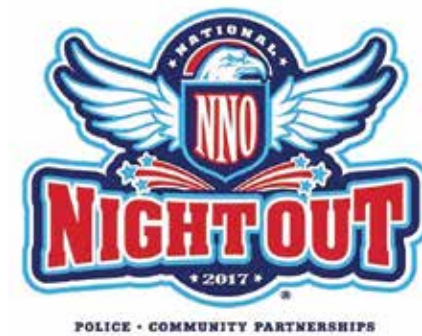
- The MDTA Police played in the Annual Janet Hardy Soccer Tournament and raised \$350 to donate to the scholarship fund, which benefits teens in Harford and Cecil counties.
- MDTA Police Capt. Joe Alton participated in the Police Unity Bicycle Tour, which helped raise awareness of law enforcement officers who have died in the line of duty and to raise funds for the National Law Enforcement Officer's Memorial and Museum.
- The Bay Bridge ospreys — aka Ozzie and Harriet — made their way back to their nesting box for another year. And ... they gave birth to two little bundles of joy, who were first noticed June 23.
- The MDTA co-hosted the I-95 Safety Fair with the Maryland State Police's Kennedy Highway Barrack on July 22. Other MDOT business units also participated.
- On Aug. 1, MDTA employees were out in force at numerous National Night Out events throughout the State. What a great way to build positive relationships in the community!
- The MDTA's first-ever Job Fair & Open House was a huge success. The event took place Oct. 18 and saw 248 attendees take part in 101 on-site interviews.
- More than 16,500 runners made the trek across the Bay Bridge on Nov. 5 during the Across the Bay 10K, which was hosted by Ironman. This is the fifth-largest 10K race in the U.S. and the largest cup-free race in the world.



- ▶ On Nov. 20, Baltimore Ravens' Benjamin Watson visited the Fort McHenry Tunnel as part of the team's "Pass It Forward" program. Ben surprised customers with free tolls paid by the Ravens and Verizon and encouraged them to "Pass It Forward."
- ▶ MDTA Police were elated to participate in "Shop with a Cop" in Charles and Queen Anne's counties.
- ▶ The MDTA Police and MDTA staff hosted another successful Toys for Tots campaign in December, marking the 28<sup>th</sup> year the MDTA has participated in this program. More than 4,400 toys and \$6,000 were collected during the 2017 campaign. Since 1990, more than 155,900 toys and \$126,800 have been collected from MDTA customers and employees.



*"Shop with a Cop"*



*Annual "Toys for Tots" campaign*



*Across the Bay 10K*



► COMMUNICATIONS AND COMMUNITY (continued)

- MDTA employees raised much-needed funds during the 2017 Maryland Charity Campaign, exceeding our goal by 196.5%. Employees designate their contributions to support numerous causes like medical research, support for students and seniors, family healthcare services, veteran assistance, animal rescue and emergency response for disaster relief.



*Law Enforcement Torch Run*

MDTA employees also participated in numerous events and activities to benefit Special Olympics Maryland (SOMD):

- MDTA employees, family and friends raised approximately \$2,500 by participating in the 21<sup>st</sup> Annual Polar Bear Plunge.
- The MDTA Police participated in the annual Law Enforcement Torch Run – the largest grassroots fundraiser and public awareness vehicle in the world for Special Olympics. MDTA Police officers ran the torch across the Bay Bridge on June 7.
- The MDTA Police and MDTA staff hosted the 9<sup>th</sup> Annual Fort McHenry Tunnel 5K Run/Walk on Oct. 8. More than 350 participants ran or walked through the right northbound tunnel tube and raised \$20,000.



*21<sup>st</sup> Annual Polar Bear Plunge*



*9<sup>th</sup> Annual Fort McHenry Tunnel 5K Run/Walk*



*9<sup>th</sup> Annual Fort McHenry Tunnel 5K Run/Walk*



# ▶ AWARDS

## INDUSTRY AWARDS

The MDTA and its partners received the following **2017 MdQI Construction Awards** for the deck rehabilitation of the bridges on I-95 south of the Fort McHenry Tunnel project:

- ▶ **Overall** "Project of the Year" Award, Over \$5 Million
- ▶ **Partnering** Gold Award
- ▶ **Outstanding** Minority Business Enterprise – Award of Excellence – Sunrise Safety
- ▶ **Outstanding** Sub-Contractor – Award of Excellence – Sunrise Safety

The MDTA also received the MDTA Modal Award of Excellence (Construction & Design),



Under \$5 Million for structural repairs on the I-95 bridges north of the Fort McHenry Tunnel.

**The National Asphalt Paving Association** presented the MDTA with a Quality in Construction Award over 50,000 tons and the Maryland Asphalt Award over 10,000 tons for its 12.5-mile I-95 resurfacing project.

For the sixth consecutive year, the public marine terminals at the Helen Delich Bentley Port of Baltimore received a top rating of 'excellent' on a security assessment from the **U.S. Coast Guard**. Congratulations to the MDTA Police Port of Baltimore detachment for its efforts to provide a safe and secure port

Congratulations to our friends at the Maryland House and Chesapeake House travel plaza Sunoco gas stations for being honored with the **Service Station and Automotive Repair Association's** Harry T. Murphy Award (Maryland House) and Award of Excellence for Contemporary Convenience (Chesapeake House), which recognize excellence in meeting customer needs and appearance.

**The Maryland Public Purchasing Association (MPPA)** honored Procurement Supervisor **Janile Scott** with its Harry H. Bain Distinguished Service Award for organizing and executing several outstanding volunteer events while serving as the MPPA Social Chair. Events included local paint nights, bus tours, clothing drives and volunteer opportunities in multiple locations throughout Maryland.

The Office of Human Resources and Workforce Development's **Helen Dale** was honored during the **4<sup>th</sup> Annual Salutes Black History Heroes** event held Feb. 23. Helen was recognized for her personal, professional and political advocacy that has spanned decades.

► AWARDS (continued)

Director of Construction **Dave Ferrara** was presented with a 25 Year Award for Meritorious Service from the **American Association of State Highway and Transportation Officials** (AASHTO). Dave was honored with one of only five awarded in all of Maryland.

For the fourth consecutive year, the MDTA was awarded a Certificate of Achievement for Excellence in Financial Reporting for its comprehensive annual financial report (CAFR) for FY 2016. The Certificate of Achievement is the highest form of recognition in governmental accounting and financial reporting and its attainment represents a significant accomplishment. Upon completion of the CAFR by Dec. 31 of each year, it is submitted to the **Government Finance Officers Association** and is judged by an impartial panel to meet the high standards for the program, including a constructive “spirit of full disclosure” to clearly communicate our financial story and motivate potential readers to review the CAFR.

The Nice Bridge received the Award of Excellence for the Health and Safety Working Group at the 28<sup>th</sup> Annual **SERMA Conference**.

## EMPLOYEE AWARDS

### GOVERNOR’S CUSTOMER SERVICE HEROES AWARD

At the Nov. 1 Board of Public Works meeting, Governor Larry Hogan honored three MDTA employees with the **Customer Service Heroes Award** for taking extraordinary steps to provide exceptional customer service and ensure the safety of Maryland citizens. The Division of Communications’ **Eric Willison**, the Vehicle Recovery Unit’s **Robert Baranowski** and MDTA Police **Off. Paul Pistorio** were honored.

The Governor’s Customer Service Heroes Award was created in the spring of 2017 to recognize team members throughout State government who have gone above and beyond the call of duty to solve a specific problem for a customer or have improved a process to create efficiencies.

### MDTA POLICE OFFICER OF THE YEAR

**Off. Paul Pastorek**

### DETACHMENT OFFICERS OF THE YEAR

**Off. James Conley, Jr.** – BWI Marshall

Airport Detachment

**Off. Paul Lewis** – Commercial Vehicle Safety Unit

**Det. David Bahr** – Detective Unit

**Off. Brady McCormick** – Francis Scott Key

Bridge Detachment

**Off. William Harris** – Harry W. Nice

Bridge Detachment

**Off. Tyler Sheldon** – Homeland Enforcement and Traffic Team

**Off. Howard Burnett** – Intercounty Connector Detachment

**Off. John Willis** – K-9 Unit

**Off. Paul Pastorek** – Port of Baltimore Detachment

**Off. George Grossnickle** – Thomas J. Hatem Memorial Bridge Detachment

**Off. Renato Guarnaccia** – Tunnel Command Detachment

**Off. Leroy Posey III** – William Preston Lane, Jr, Memorial Bridge Detachment

### MDTA POLICE SUPERVISOR OF THE YEAR

**Cpl. Brendan Foard**

### MDTA POLICE DISPATCH SUPERVISOR OF THE YEAR – DS I **Linda Artis**

### MDTA POLICE DISPATCHER OF THE YEAR

Dispatcher II **Brittany Bartlett**

### MDTA POLICE MOTOR CARRIER INSPECTOR OF THE YEAR – MCI **Michael Feehley**

### CUSTOMER SERVICE AWARD

**Cheryl Jordan** – Finance Division

### SUPERVISOR OF THE YEAR

**Stacie Stegena** – Key Bridge

### UNsung HERO AWARD

**Larry Doswell** – Vehicle Recovery Unit

### GUIDING PRINCIPLES AWARD

**Tammara Caldwell** – Baltimore Harbor Tunnel

### INNOVATION & QUALITY IMPROVEMENT AWARD

**Taibat Gbadamosi** – Finance Division

### AWARD OF EXCELLENCE

**Sherri Michael** – Fort McHenry Tunnel

### LIFETIME ACHIEVEMENT AWARD

**Charlette Campbell** – Baltimore Harbor Tunnel

### EXECUTIVE DIRECTOR’S DISTINGUISHED LEADER AWARD

**John O’Neill** – Operations

### EMPLOYEE OF THE MONTH

**Mark Lehner** – *January*

**Tim Cooke** – formerly with Planning and Program Development – *February*

**Karen Riecke**, *E-ZPass* Operations – *March*

**Kyla Alderman**, MDTA Police Recruitment and Selection Unit – *April*

**William “Kenny” Howell**, Kennedy Highway – *May*



**Marcus Faubus**, MDTA Police K-9 Unit Trainer – *June*  
**Joyce Rebar**, Office of Engineering and  
 Construction – *July*  
**Tom Walsh**, Division of Finance – *August*  
**Ron Westervelt**, Office of Human Resources  
 and Workforce Development – *September*  
**Zachary Dahler**, Vehicle Recovery Unit – *October*  
**Jessica Mettle**, Division of Procurement – *November*  
**Min Zheng**, Office of Engineering and  
 Construction – *December*

### OTHER RECOGNITION

On March 3, MDTA Police **Lt. Kevin Ayd** was recognized by the **Maryland Police and Correctional Training Commissions Leadership Development Institute** for his outstanding commitment to the program. He received an award of appreciation for serving as an Instructor during the Institute's First Annual Volunteer Instructors Appreciation Day event.

Executive Director Kevin Reigrut and Col. Jerry Jones were honored to recognize the hard work and dedication of the men and women of the **Communications Unit** during National Public Safety Telecommunicators Week and presented the group with the Chief's Commendation Award.

MDOT Secretary and MDTA Chairman Pete K. Rahn presented *E-ZPass* Customer Service and Account Manager **Karen Riecke** with a Secretary's Extra Mile Award for exceptional customer service during the quarterly Excellerator meeting held April 25.

**Maj. Antonio Rodriguez** was presented an award from the Transportation Security Administration recognizing his outstanding partnership with the agency.

Congratulations to the following MDTA Police personnel who were recognized by the Maryland Highway Safety Office for DUI Enforcement efforts:

### ACE AWARDS (100+ DUI ARRESTS IN 2016)

**Off. Tyler Sheldon** – 9<sup>th</sup> year pin – 110 arrests

### DUI AWARDS

**Cpl. Fredric Luther** – 6<sup>th</sup> year pin

**Off. Travis Queen** – 2<sup>nd</sup> year pin

**Off. Theodore Jeremenko** – 1<sup>st</sup> year pin

### DRE AWARDS (Completed more than 15 DRE evaluations in 2016)

**Cpl. Michael Gregor** – 3<sup>rd</sup> year pin

**Cpl. Robert Rose** – 2<sup>nd</sup> year pin

MDOT Secretary and MDTA Chairman Pete K. Rahn presented former Planning and Program Development's **Tim Cooke** with a Secretary's Extra Mile Award for exceptional customer service during the quarterly Excellerator meeting held July 25.

**Sr. Off. Jeffery Hechmer** was awarded an MDTA Police Chief's Salute for graduating first at the U.S. Department of Homeland Security TSA K-9 Explosive Detection Program. Sr. Off. Hechmer is the first MDTA Police officer to graduate first in the class.

**Off. Luke Benner** was awarded the MDTA Police Chief's Salute for earning the top shot of the entire class at the Harford County Sheriff's Office SWAT school.

The Nice Bridge detachment's **Cpl. Monica Tompkins** was recognized for volunteer work by the Teen Court of Charles County. This program is run by the Charles County Sheriff's Office and assists juveniles in making better decisions after they have a brief encounter with the law.

On Oct. 12, the Maryland Police and Correctional Training Commissions held its Annual Instructors' Awards Ceremony to recognize the professionalism, dedication and accomplishments of public-safety

instructors throughout Maryland. **Cpl. Jeffery Goetz** was honored as an Academy Instructor of the Year and **Off. Corey Reina** was honored with an Associate Instructor of the Year award.

### EMPLOYEES ON MILITARY DUTY

**Peter Leyden, Jr.** – MDTA Police – BWI Marshall Airport

**Derrell Hightower** – MDTA Police – Bay Bridge

**Stephen Watkins** – JFK Maintenance II

**Christopher Parto** – Key Bridge

**Belkis Maldonado** – MDTA Police – BWI Marshall Airport

### 2017 TRUCK ROADEO COMPETITION

On July 26, the Division of Operations held its annual Truck Rodeo in Baltimore. Maintenance and Vehicle Recovery Unit employees represented each facility/region and tested their skills during a friendly competition.

#### Drivers:

**1: Al Mosley**, Key Bridge

**2: Michael Dorbit**, JFK Maintenance I

**3: Tim Williams**, Intercounty Connector

#### Mechanics:

**1: Mark Fonseca**, Intercounty Connector

**2: John McDowell**, Harbor Tunnel

**3: Ed Costello**, JFK Maintenance II

#### Vehicle Recovery:

**1: Richard Smith**, Central Region

**2: Robert Hulihan**, Central Region

**3: Dale Smith**, Northern Region

# ▶ FINANCIALS



The MDTA is responsible for various Transportation Facilities Projects, the pooled revenue from which is pledged to the payment of toll revenue bonds. Transportation Facilities Projects include the Nice Bridge, Bay Bridge, Baltimore Harbor Tunnel, Key Bridge, Kennedy Highway, Fort McHenry Tunnel and the ICC/MD 200. The Hatem Bridge is the only Maryland toll facility categorized as a General Account Project under the Trust Agreement for the benefit of MDTA's bondholders. The MDTA may issue either taxable or tax-exempt municipal bonds to finance the cost of large-scale projects that would otherwise exceed current available operating revenues. Through this financing mechanism, the MDTA is able to fund the construction of projects that will generate sufficient future revenues to repay bondholders the principal amount borrowed, along with interest.

The outstanding principal and interest due each year is paid from revenues collected from all of the MDTA's toll facilities. Toll revenues are the primary source of funds. Revenues from all eight toll facilities are combined for operating, maintaining, preserving,

protecting/securing and making capital improvements to these facilities. The agency's strong bond ratings secure its position to finance transportation solutions for Maryland's citizens. The MDTA maintains "AA" ratings from all three bond-rating agencies, which is the highest possible rating for an organization without independent taxing authority.

By Maryland statute, the MDTA also may issue bonds to finance other revenue-producing, transportation-related projects that are not tolling projects. Conduit bonds and Grant and Revenue Anticipation (GARVEE) bonds are secured by revenues pledged from the individual projects or federal government grants and are backed by sources external to the MDTA. To date, the agency has issued bonds for transportation projects at BWI Marshall Airport, parking facilities at Metrorail stations operated by the Washington Metropolitan Area Transit Authority (WMATA) and a State parking facility in Annapolis. Additionally, the MDTA issued GARVEE bonds to finance a portion of the ICC/MD 200.

The following are excerpts of the MDTA's financial statements for the year ended June 30, 2017. The MDTA's financial statements were audited by SB & Company, LLC. Their opinion concluded that the MDTA's statements present fairly, in all material respects, the financial position of the MDTA as of June 30, 2017, and the changes in its financial position and its cash flows for the year then ended, in accordance with accounting principles generally accepted in the United States of America. A copy of the MDTA's complete financial statements, including the accompanying footnotes, which are an integral part of the financial statements, can be obtained on the MDTA's website at [mdta.maryland.gov](http://mdta.maryland.gov).

MARYLAND TRANSPORTATION AUTHORITY  
**STATEMENT OF NET POSITION**

JUNE 30, 2017  
(In Thousands)

<b>ASSETS</b>	
<b>CURRENT ASSETS</b>	
Cash and cash equivalents	\$ 184,139
Restricted cash and cash equivalents	115,365
Investments	797,941
Accounts receivable	24,470
Intergovernmental	6,898
Inventory	5,658
Accrued interest	4,016
Direct financing lease receivable	26,020
<b>TOTAL Current Assets</b>	<b>1,164,507</b>
<b>NONCURRENT ASSETS</b>	
Restricted cash and cash equivalents	38,573
Restricted investments	138,042
Total Restricted Assets	176,615
Capital assets, not being depreciated	1,616,240
Capital assets being depreciated, net of accumulated depreciation	4,332,501
Total Capital Assets	5,948,741
Direct financing lease receivable, net of current portion	390,035
Other assets	11,214
<b>TOTAL Noncurrent Assets</b>	<b>6,526,605</b>
<b>TOTAL Assets</b>	<b>7,691,112</b>
<b>DEFERRED OUTFLOW OF RESOURCES</b>	
Deferred loss on refunding	6,439
Deferred Outflows-pensions	73,151
Deferred Outflow of Resources	79,590
<b>TOTAL Assets and Deferred Outflow of Resources</b>	<b>\$ 7,770,702</b>

<b>LIABILITIES AND NET POSITION</b>	
<b>CURRENT LIABILITIES</b>	
Accounts payable & accrued liabilities	\$ 91,235
Intergovernmental payable	46,652
Unearned revenue	26,366
Accrued interest	61,911
Contractor deposits and retainage	8,579
Accrued annual leave	703
Accrued workers' compensation costs	2,084
Bonds payable	151,177
<b>TOTAL Current Liabilities</b>	<b>388,707</b>
<b>NONCURRENT LIABILITIES</b>	
Contractor retainage, net of current portion	3,865
Accrued annual leave, net of current portion	9,797
Accrued worker's compensation costs, net of current portion	11,809
Bonds payable, net of current portion	2,815,825
Net Pension Liability	245,154
<b>TOTAL Noncurrent Liabilities</b>	<b>3,086,450</b>
<b>TOTAL Liabilities</b>	<b>3,475,157</b>
<b>DEFERRED INFLOW OF RESOURCES</b>	
Deferred service concessions	51,454
Deferred inflows-pensions	15,736
Deferred Inflow of Resources	67,190
<b>NET POSITION</b>	
Net investment in capital assets	3,457,877
Restricted for:	
Debt service	119,571
Capital expenses	564
Unrestricted	650,343
<b>TOTAL Net Position</b>	<b>4,228,355</b>
<b>TOTAL Liabilities, Deferred Inflow, and Net Position</b>	<b>\$ 7,770,702</b>



## EXCELLENCE IN FINANCE

The Maryland Transportation Authority was notified that no reportable findings were identified during a Fiscal Compliance Audit conducted by the Office of Legislative Audits (OLA) in 2017 – an outstanding accomplishment that not many State agencies have achieved.

The Office of Legislative Audits is part of the Maryland General Assembly's Department of Legislative Services. Its mission is to serve the General Assembly and the citizens of Maryland by providing independent, objective and non-partisan audits and evaluations of State government agencies. These audits assist the General Assembly in its oversight responsibilities and lead to improved performance throughout State government.

MARYLAND TRANSPORTATION AUTHORITY

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### STATEMENT OF REVENUES, EXPENSES, AND CHANGES IN NET POSITION

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JUNE 30, 2017  
(In Thousands)

#### OPERATING REVENUES

Toll	\$ 670,760
Intergovernmental	129,931
Toll administrative	61,263
Concession	6,006
Other	1,645
<b>TOTAL</b> Operating Revenue	<b>869,605</b>

#### OPERATING EXPENSES

Collection, police patrol, and maintenance	226,728
Major repairs, replacements, and insurance	7,224
General and administrative	32,099
Depreciation	127,869
<b>PENSION</b> Expense	<b>24,931</b>
<b>TOTAL</b> Operating Expenses	<b>418,851</b>
<b>INCOME</b> from Operations	<b>450,754</b>

#### NON-OPERATING REVENUES (EXPENSES)

Investment revenue	(126)
Restricted interest income on investments	970
Loss on disposal of infrastructure	(6,026)
Interest expense	(112,896)
<b>TOTAL</b> Non-Operating Revenues & Expenses	<b>(118,078)</b>
<b>CHANGE</b> in Net Position	<b>332,676</b>
<b>NET POSITION</b> – Beginning of Year	<b>3,895,679</b>
<b>NET POSITION</b> – End of Year	<b>\$ 4,228,355</b>

MARYLAND TRANSPORTATION AUTHORITY  
**STATEMENT OF CASH FLOWS**

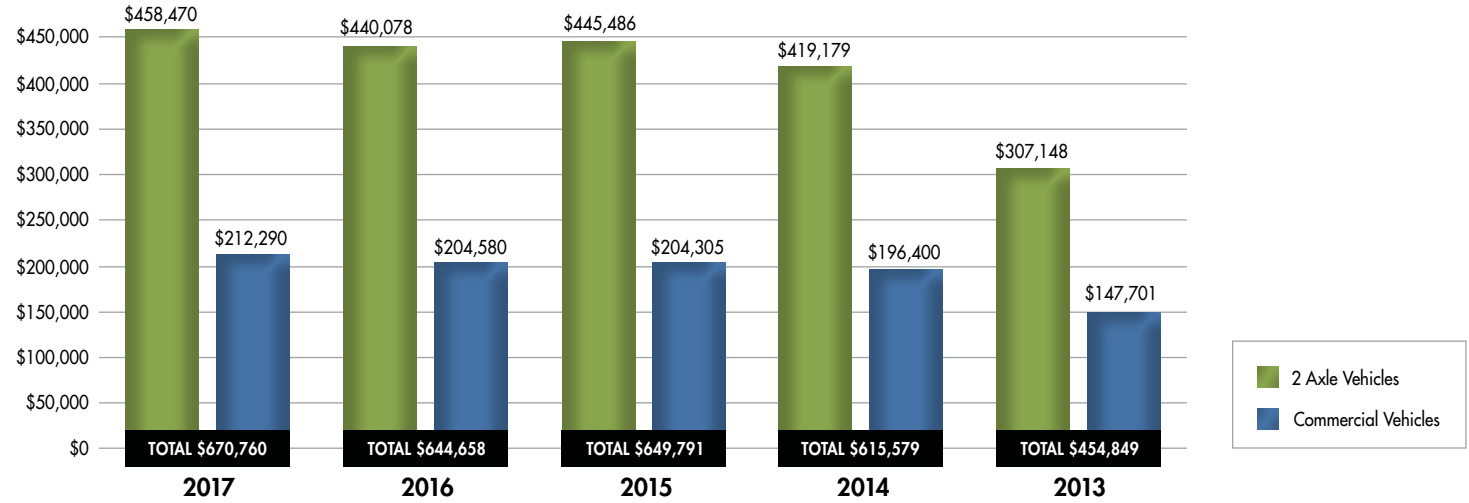
YEAR ENDED JUNE 30, 2017  
(In Thousands)

<b>CASH FLOWS FROM OPERATING ACTIVITIES</b>	
Receipts from toll collections	\$ 732,976
Receipts from concessions and other revenue	7,888
Receipts from other governmental agencies for services	108,410
Payments to employees	(155,600)
Payments to suppliers	(125,001)
<b>NET CASH</b> provided by operating activities	<b>568,673</b>
<b>CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES</b>	
Non capital debt interest payments	(20,956)
Non capital debt principal payments	(25,025)
Payments for direct financing leases	(80,785)
Payments received on direct financing leases	128,283
<b>NET CASH</b> used in noncapital financing activities	<b>1,517</b>
<b>CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES</b>	
Capital debt interest payments	(118,986)
Capital debt principal payments	(108,550)
Acquisition and construction of capital assets	(201,873)
Proceeds from sales of capital assets	(6,268)
<b>NET CASH USED</b> in capital financing activities	<b>(435,677)</b>
<b>CASH FLOW FROM INVESTING ACTIVITIES</b>	
Proceeds from sales of investment	803,423
Net interest activity	(549)
Purchase of investment	(797,493)
Net cash used in investing activities	5,381
Net Increase In Cash And Cash Equivalents	139,894
<b>CASH AND CASH EQUIVALENTS</b> – Beginning of Year	198,183
<b>CASH AND CASH EQUIVALENTS</b> – End of Year	<b>\$ 338,077</b>

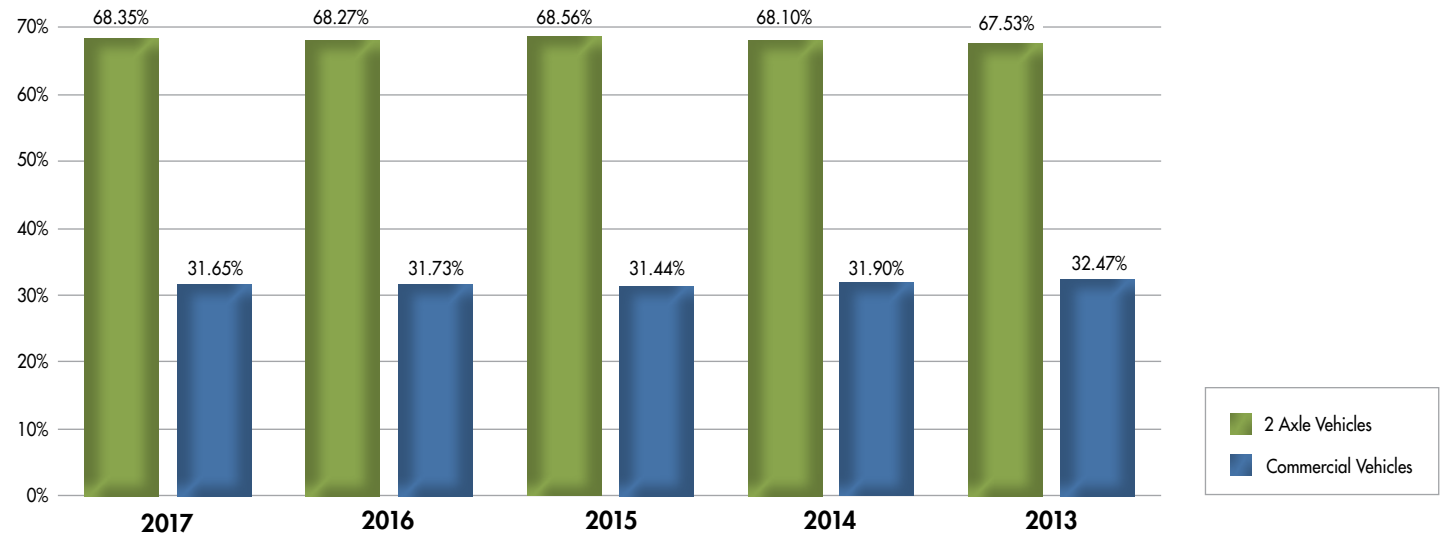
<b>RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES</b>	
Income from operations	\$ 450,754
Adjustment to Reconcile Changes in Net asset to Net Cash Provided by Operating Activities:	
Deferred inflow service concession receipts	(86)
Deferred inflow pension investment	(2,964)
Deferred outflow pension expense & actuarial assumption	(18,625)
<b>DEPRECIATION</b>	<b>127,869</b>
<b>EFFECT OF CHANGES IN OPERATING ASSETS AND LIABILITIES:</b>	
Accounts receivable and intergovernmental receivables	21
Inventory	(76)
Accounts payable and accrued liabilities	10,370
Intergovernmental payables	(22,227)
Unearned revenue	1,961
Accrued annual leave	39
Net pension liability	22,501
Accrued workers' compensation costs	891
Contractor deposits payable	(1,755)
<b>NET CASH</b> Provided By Operating Activities	<b>\$ 568,673</b>

### TOLL REVENUE

(In Thousands)

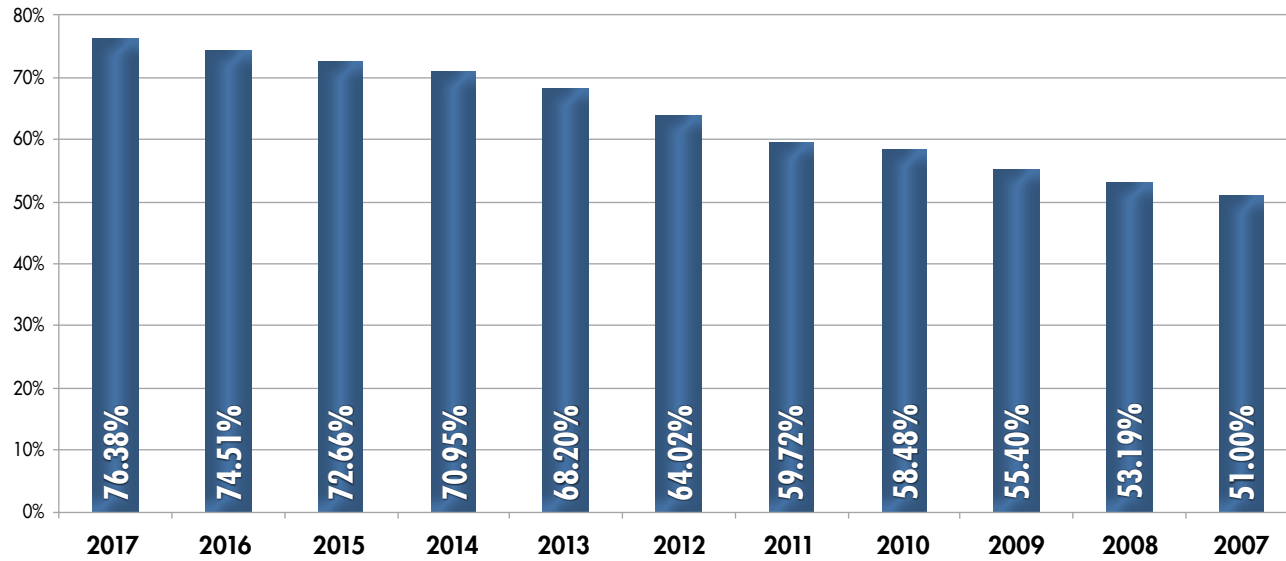


### TOLL COMPOSITION





## PERCENTAGE OF REVENUE FROM ELECTRONIC TOLL COLLECTION



# 2017 ANNUAL REPORT

► MARYLAND TRANSPORTATION AUTHORITY

2310 Broening Highway, Baltimore, MD 21224  
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711 (Md Relay)  
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mdta.maryland.gov  
ezpassmd.com  
baybridge.com

Larry Hogan, **Governor**  
Boyd K. Rutherford, **Lt. Governor**  
Pete K. Rahn, **Chairman**  
Kevin C. Reigrut, **Executive Director**



@TheMDTA

