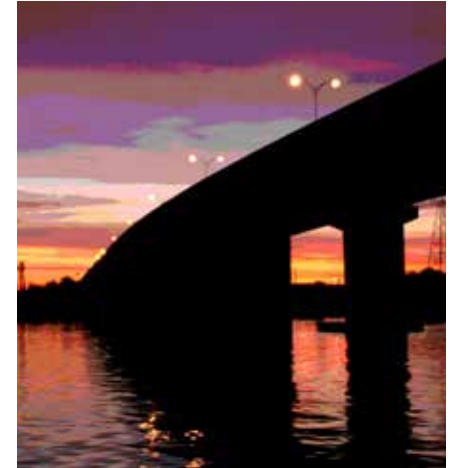


MARYLAND
TRANSPORTATION
AUTHORITY



Transform
Change
Innovate

2018

Annual Report



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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 Marylanders 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 nearly 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.

The MDTA's activities, actions and culture are driven by its Mission, Vision, Purpose, Values and Pillars.

MDOT MISSION STATEMENT

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.

MDTA VISION

The MDTA will improve the quality of life and create time for the customers we serve by revolutionizing customer service, delivering premium transportation alternatives and providing a safer, faster and more reliable driving experience.

MDTA PURPOSE

- Maximizing Safety and Reliability
- Delivering Excellent Customer Service
- Transforming the Workforce of Tomorrow
- Advancing the Future of Transportation



ABOVE: AERIAL VIEW OF GOVERNOR HARRY W. NICE MEMORIAL / SENATOR THOMAS "MAC" MIDDLETON BRIDGE

MDTA VALUES

Accountability: Team members and individuals hold each other responsible for the commitments they have made.

Communication: We encourage healthy discussion built on shared information and knowledge throughout the organization. We clearly, effectively and deliberately share information with and receive feedback from stakeholders.

Employee Empowerment: We encourage employees to take initiative to accomplish outcomes using the strategies they determine are best. We provide opportunities to all employees.

Innovation: We are a national leader in applying state-of-the-art technology to revolutionize transportation operations and enhance customer service.

Safety: We are a provider and partner of safe, reliable and resilient transportation services to our employees, customers and community.

Stewardship: We promote and protect the social, environmental, ethical and financial well-being of our employees, our customers, our agency, our community and our State.

Transparency: As an organization and individuals, our actions and outcomes are upfront, truthful and visible.

Trust: Our teams are open, honest and vulnerable without fear of repercussions. Our external stakeholders know that we are taking actions that are in their best interests.

MDTA PILLARS

Customer Service and External Communication

Ensuring the MDTA's diverse customer base and stakeholders have the information, experience and value they need and expect.

Workforce Development

Meeting workforce needs by creating training opportunities, enhancing employee development and refining processes to be more efficient and user-friendly.

Internal Communications

Sharing information vertically and horizontally and providing employees with opportunities to contribute their voices and ideas.

Project Delivery

Reducing the amount of time needed to take a project from concept to operations by leveraging technology, streamlining processes and improving project management oversight.



ABOVE: EARTH DAY FAIR



ABOVE: CAREER DAY RECRUITMENT

Our Governing MEMBERS



Peter J. Basso
Appointed August 2007



Dontae Carroll
Appointed July 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 October 2017



Jeffrey S. Rosen
Appointed July 2019



John F. 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.

MANAGEMENT COMMITTEE (as of July 1, 2019)

James F. Ports, Executive Director

Mary O’Keeffe, Chief of Staff

Deborah E. Sharpless, CPA, Chief Financial Officer

Col. Jerry Jones, Chief Law Enforcement Officer

John O’Neill, Chief Operating Officer

Percy Dangerfield, Chief Administrative Officer

Donna Dicerbo, Director of Procurement

Melissa Williams, Director of Planning and Program Development

David Goldsborough, Director of Information Technology

David K. Greene, Director of Policy, Innovation and Performance

Meshelle V. Howard, Director of Civil Rights and Fair Practices

Paul Trentalance, Director of Audits

Kimberly A. Millender, Principal Counsel

Tonya Morant, Director of Human Resources & Workforce Development

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

William Pines, Chief Engineer

Chantelle Green, Director of Finance



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)
- 7** William Preston Lane Jr. Memorial (Bay) Bridge
(US 50/301)
- 8** Governor Harry W. Nice Memorial /
Senator Thomas "Mac" Middleton Bridge (US 301)

Our Facilities



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 2018 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 eight-mile I-95 Express Toll Lanes (ETL) 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 2018 JFK HIGHWAY AND TOLL PLAZA TRAFFIC VOLUME – **31 Million Vehicles***

FY 2018 TRIPS EXPRESS TOLL LANES – **9.4 Million**

*Tolls are collected in one direction only, but traffic volume reflects both directions.



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 2018 TRAFFIC VOLUME – **28 Million Vehicles**



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 2018 TRAFFIC VOLUME – **44.7 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 improvement. **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. Toll roads also help with management and congestion of traffic.

In August 2018, the MDTA received credit rating upgrades by Fitch Ratings and Moody's Investors Service. Fitch upgraded the MDTA's toll revenue bonds from 'AA-' to 'AA' citing, among other things, the MDTA's superior financial flexibility, robust financial metrics, prudent capital planning, and demonstrated traffic levels with resilience to economic conditions. Moody's Investors Service also upgraded the MDTA's toll revenue bonds from 'AA3' to 'AA2' noting that the upgrade was based on the MDTA's recent sizeable debt repayment with excess cash which has increased debt capacity and reduced debt service costs. The implications of the MDTA's credit rating upgrades are significant over the long-term as it will reduce the agency's borrowing costs. Lower financing costs will allow the MDTA to invest more money in infrastructure needs across Maryland's toll facilities. Of the 41 toll agencies rated by Moody's, MDTA is 1 of 5 agencies with a AA2 rating. None of the agencies rated have a rating above AA2.





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 (D.C. Beltway). Tolls are paid at highway speeds via *E-ZPass*® and Video Tolling.

FY 2018 TRAFFIC VOLUME – **34.4 Million Trips**



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 and Bear Creek Bridge. Including the bridge and approach roadways, the facility is approximately 10.3 miles in length.

FY 2018 TRAFFIC VOLUME – **11.4 Million Vehicles**



GOVERNOR HARRY W. NICE MEMORIAL/ SENATOR THOMAS "MAC" MIDDLETON 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 Nice Bridge by 2023.

FY 2018 TRAFFIC VOLUME – **6.6 Million Vehicles***



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).

FY 2018 TRAFFIC VOLUME – **27 Million Vehicles***

*Tolls are collected in one direction only, but traffic volume reflects both directions.

RENAMING of the NICE BRIDGE



PHOTOS OF PRESS EVENT FOR THE RENAMING OF THE NICE BRIDGE



On October 20, 2018, Governor Larry Hogan announced the Governor Harry W. Nice Memorial Bridge will be renamed after Charles County Senator Thomas “Mac” Middleton. Standing at the base of the 77-year-old bridge, Governor Hogan joined Senator Middleton and others for a ceremony to unveil the new signage and officially name the Governor Harry W. Nice Memorial/Senator Thomas “Mac” Middleton Bridge. During the 2018 Legislative Session, a law sponsored by Delegate Sally Jameson (District 28) was passed that would rename the Nice Bridge after the Senator, who has been a public servant since 1976, when he entered the U.S. Army. He was a member of the Charles County Planning Commission from 1978 to 1985 and served in various roles in Charles County until 1995, when he became a Maryland Senator. Senator Middleton served his last term in office during Session 2018 as the Chair of the Senate Finance Committee.

Changing Maryland

FOR THE BETTER



RIBBON CUTTING FOR THE
MDTA'S NEW EMERGENCY
OPERATIONS CENTER

GOVERNOR ELIMINATES \$7.50 E-ZPASS® TRANSPONDER FEE

On May 23, 2018, Governor Larry Hogan announced that the MDTA permanently eliminated the \$7.50 *E-ZPass*® Maryland transponder fee, putting \$46 million back into Marylanders' wallets over the next five years. In 2015, the Governor announced major toll rollbacks across the State, resulting in \$270 million in savings for our citizens. Free transponders eliminate \$6 million in fees and provide new *E-ZPass*® Maryland customers \$40 million in toll discounts over the next five years. In addition, the MDTA will replace nearly 400,000 aged transponders that are currently in circulation at no cost to customers.



CONGRATULATIONS

During Governor Hogan's *E-ZPass*® Maryland announcement, the Governor also took the time to honor Bay Bridge employee Nancy Althoff for her 49+ years of service! We were able to surprise Nancy and brought in her family members for the presentation. Congratulations, Nancy!

ABOVE: GOVERNOR HOGAN WITH NANCY ALTHOFF AND FAMILY

LEFT: PRESS EVENT ANNOUNCING THE ELIMINATION OF THE \$7.50 *E-ZPASS*® MARYLAND TRANSPONDER FEE

ADDITIONAL FUNDING ADDED TO I-95 EXPRESS TOLL LANES (ETL) NORTHERN EXTENSION (SECTION 200)

In June 2018, the Hogan Administration announced the investment of an additional \$890 million to extend the Northbound I-95 ETL. The expanded \$1.1 billion effort will extend two northbound ETL for more than 10 miles from North of MD 43 in Baltimore County to North of MD 24 in Harford County. Governor Hogan initially announced the ETL Northbound Extension in December 2017 as part of his Baltimore Traffic Relief Plan. These important initiatives will benefit Marylanders throughout the Baltimore region by giving drivers a safer, more reliable and efficient commute. The MDTA will begin the project in early 2019.



ABOVE: I-95 EXPRESS TOLL LANES

I-95/BELVIDERE ROAD INTERCHANGE STUDY ANNOUNCED

On July 19, 2018, the Hogan Administration announced that the MDTA, in coordination with the Federal Highway Administration (FHWA), is studying a potential interchange at I-95 and Belvidere Road in western Cecil County. The potential enhancements would improve truck access to I-95 and support existing and planned development within the Principio Business Park both in the near future and long term. The Principio Business Park is projected to generate more than \$560 million in revenue for Cecil County during the next 10 years. Cecil County listed the proposed I-95/Belvidere Road interchange as its top transportation priority. The Belvidere Road and I-95 potential interchange includes a National Environmental Policy Act (NEPA) process. In December 2018, the U.S. Department of Transportation awarded a \$20 million Better Utilizing Investments to Leverage Development (BUILD) Transportation Discretionary Grant to help construct the Project.



MDTA POLICE EMERGENCY DISPATCHERS

NEW EMERGENCY OPERATIONS CENTER OPENS

On August 24, 2018, the MDTA officially opened its new \$13 million Emergency Operations Center (EOC), which provides quicker response times and improved coordination during incidents with state-of-the-art equipment and technology. The MDTA is unique in that it operates both a civilian traffic management center and a police dispatch center. Previously, the two centers were housed separately. With the opening of the new EOC in Baltimore, both units are housed together and can now coordinate operations and responses to incidents more efficiently and effectively. Construction of the 11,860-square-foot EOC began in December 2016 and includes 28 work stations (10 for traffic management and 18 for police dispatch) and 188 monitors (80 for traffic management and 108 for police dispatch). Currently, more than 60 employees are assigned to the EOC.



B-W PARKWAY

TRAFFIC RELIEF PLAN

Work continues on Governor Larry Hogan's plan to add four new lanes to I-270, the Capital Beltway (I-495), and the Baltimore-Washington Parkway (MD 295). The announcement officially begins the process to solicit the Public-Private Partnership (P3) industry for input and solutions to provide major congestion relief on 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.

NEW NICE BRIDGE

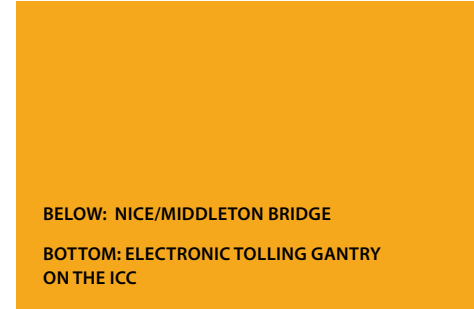
On November 21, 2016, Governor Hogan announced \$765 million in funding for construction of a new Potomac River crossing to replace the Nice/Middleton Bridge. The MDTA advertised a design-build contract for the new bridge in 2018, anticipates starting construction in 2020, and opening a new, wider and 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 \$200 million from 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. newnicebridge.com

NEW TOLLING SYSTEM (3G)

On February 21, 2018, Maryland's Board of Public Works approved two innovative contracts to develop and operate the third generation (3G) of MDTA's electronic toll collection system. The \$71.9 million contract for tolling technology/operations and the \$200.4 million contract for customer-service technology/operations expand and modernize how customers will interact with the MDTA. This increases MDTA's ability to participate in nationwide toll system interoperability and reciprocity initiatives, provides increased accuracy of automated assignments of toll classifications and rates through the application of profile-based technology, and facilitates the communication and payment of tolls in the manner that customers desire in today's technology enriched world.



BELOW: NICE/MIDDLETON BRIDGE

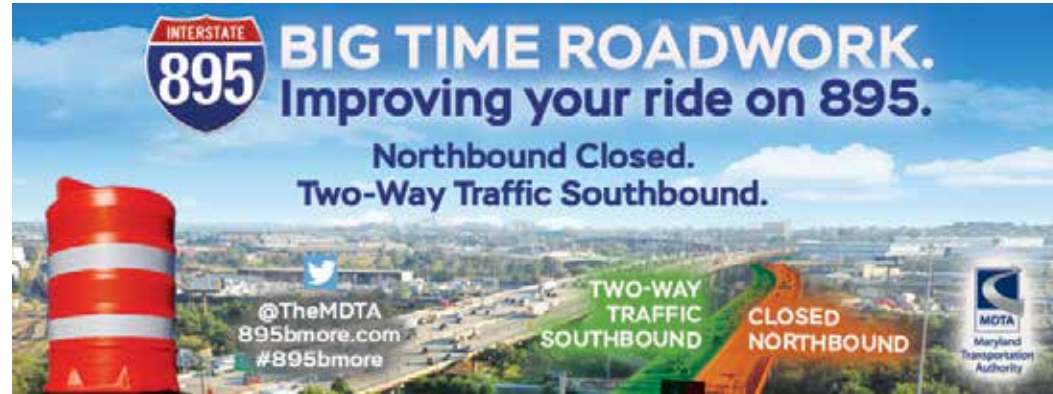
BOTTOM: ELECTRONIC TOLLING GANTRY ON THE ICC



I-895 BRIDGE PROJECT

On November 27, 2018, work began on a \$290 million project for construction to 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 requires extensive lane closures and is scheduled for completion in 2021.

In order to inform the public about this project, extensive communications outreach was conducted including a paid media buy with radio, television, billboards, print, digital, posters, door hangers, handouts and a large social marketing presence. A digital communications toolkit was shared with state agencies and large employers and an informational video about the project was produced. Business and community outreach was also conducted with posters being distributed to over 60 local businesses and door hangers to over 25,000 residents.



TOP: I-895 BRIDGE PROJECT HANDOUT

LEFT: I-895 BRIDGE PROJECT BILLBOARD

BELOW: I-895 BRIDGE PROJECT VIDEO



CURTIS CREEK DRAWBRIDGE PROJECT

Prior to the start of the I-895 Bridge Project that began in December 2017, the MDTA completed the \$24 million project to rehabilitate the structural, mechanical and electrical components of the Curtis Creek Drawbridge on I-695. Lanes reopened in November 2018 so that the Francis Scott Key Bridge could be used as an alternate route during the I-895 Bridge Project.

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 was completed in summer 2018 and provides four continuous lanes on I-95 between the tunnel and Moravia Road. The previous roadway had three lanes with merge lanes in several sections. This safety and capacity project increases reliability of travel times on this section of I-95 and was completed in advance of the I-895 Bridge Project to provide alternative routes for motorists.

AERIAL VIEW OF FORT MCHENRY TUNNEL



Consolidated Transportation PROGRAM

20

MARYLAND TRANSPORTATION AUTHORITY

The MDTA's current six-year Consolidated Transportation Program (CTP) invests more than \$3.1 billion and includes projects to preserve our facilities for years to come. In FY 2019 alone, the MDTA's annual capital program is more than \$375 million. Our CTP consists of 242 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: 79 projects with a total budget of more than \$2.2 billion.

Development and Evaluation Program: one project with a total budget of more than \$5.7 million.

Minor Projects Program: 162 projects with a total budget of more than \$938 million.

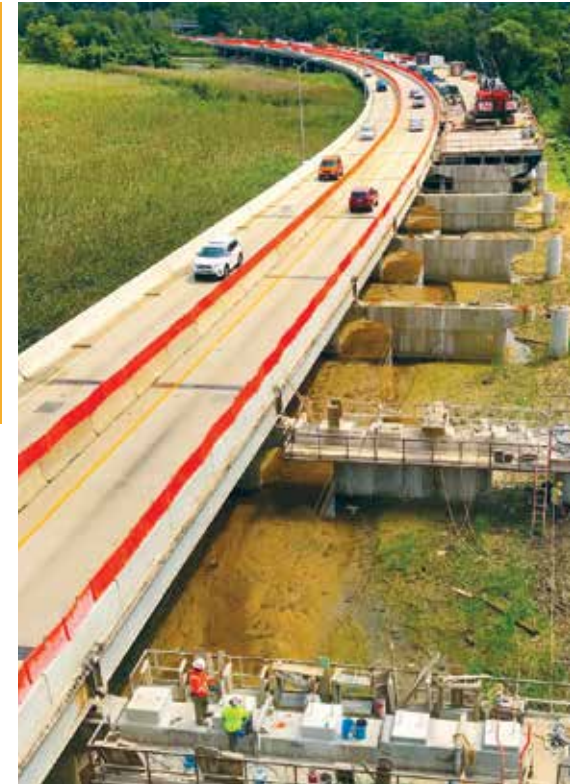
The MDTA focuses on System Preservation to ensure that its aging infrastructure is safe and in good working condition. In addition to annual inspections and repairs based on findings, the MDTA has programmed projects to address cyclic preservation needs such as deck sealing, painting, deck repair, deck replacement, substructure rehabilitation, superstructure repairs and full structure replacements. The System Preservation Program for FY 2019 – 2024 is comprised of 199 projects with a total budget of almost \$1.3 billion – approximately 41 percent of the MDTA's six-year CTP total.

PATAPSCO FLATS

A \$61.3 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 was closed 24/7 and two-traffic operated on the renovated northbound bridge. The entire project is anticipated to be complete in fall 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 \$36.6 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. In fall 2017, crews began working on the cables around the clock and also accessing the tops of the towers via the cables. The project is expected to be complete in December 2019. Work includes the installation of supplemental cables, rehabilitation of the suspension span superstructure and bearings and priority repairs found during annual inspections.



ABOVE: I-895 PATAPSCO FLATS

BELOW: BAY BRIDGE SUSPENSION SPAN REHABILITATION



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 money 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 and involves cleaning and painting the through-truss span and welded steel-girder spans on the eastern portion of the bridge. The project is expected to be complete in FY 2020.



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 for construction and two years of warranty.

FORT MCHENRY TUNNEL LIGHTING REPLACEMENT

The lights in the Fort McHenry Tunnel will be completely replaced as part of a \$22 million project. The project began in early 2017 and involves removing the old lights and installing new energy-efficient LED lights. The project is expected to be complete in fall 2019.



ABOVE: NEW VENTILATION FANS BEING
INSTALLED AT THE HARBOR TUNNEL
LEFT: BAY BRIDGE PAINTING



LEFT: I-95 IN BALTIMORE CITY
BELOW 1-895 PATAPSCO FLATS

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 completion of the alternatives development and Environmental Assessment (EA) review process is anticipated in summer 2019. The Draft EA was released to the

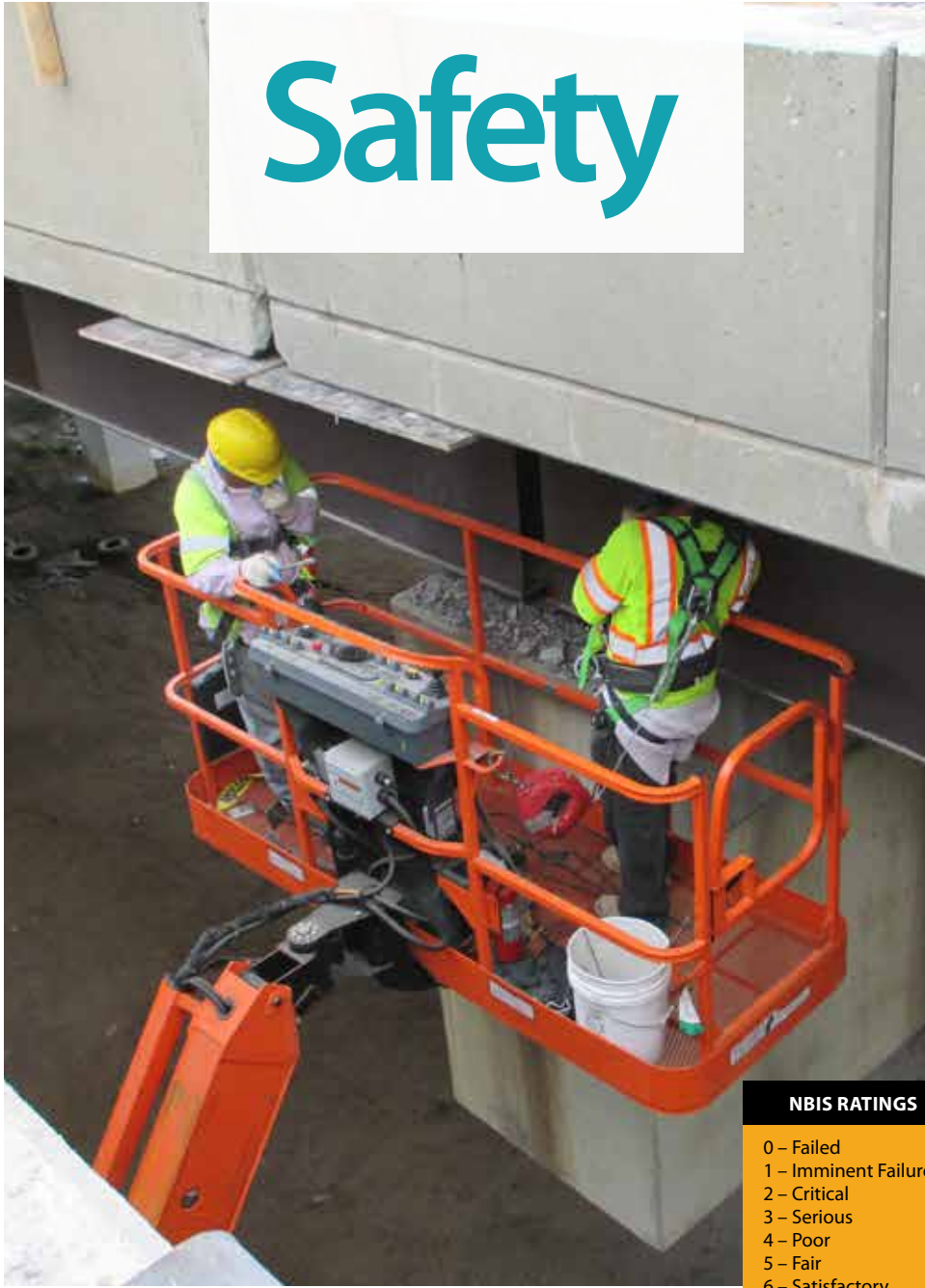
public in March 2018. Two public hearings were held in April 2018, and the public-comment period ran for 45 days. A video of the public hearing slide presentation was posted to the project website. Efforts continue to close out coordination with Federal and State resource agencies in anticipation of a Finding of No Significant Impact (FONSI) in Summer 2019.



LEFT: 1-895 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 (OEC) utilizes their innovative maintenance of traffic (MOT) safety program to continue to provide the safest and most efficient traffic environment possible for contractors and customers 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 OEC performs On-Site Safety Inspections and follows a comprehensive MDTA Safety Program Manual.

FACILITY INSPECTIONS

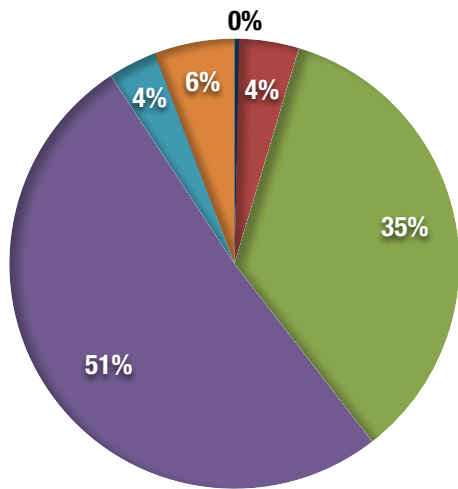
The MDTA is committed to maintaining the safety and integrity of Maryland's transportation infrastructure. Over the last 10 years, the MDTA has strengthened its bridge and tunnel inspection program to exceed national standards by increasing budgets devoted to inspections, supplementing staff dedicated to inspections, instituting requirements for more comprehensive "hands-on" inspections and enhancing procedures for addressing identified deficiencies. In 2018, the MDTA completed development of National Tunnel Element (NTE) criteria for tunnel inspections in accordance with FHWA guidelines and the requirements of National Tunnel Inspection Standards (NTIS). These criteria have been used since the 2017 facility inspections of tunnels 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 2018, 25 consultant and sub-consultant

NBIS RATINGS

- 0 - Failed
- 1 - Imminent Failure
- 2 - Critical
- 3 - Serious
- 4 - Poor
- 5 - Fair
- 6 - Satisfactory
- 7 - Good
- 8 - Very Good
- 9 - Excellent

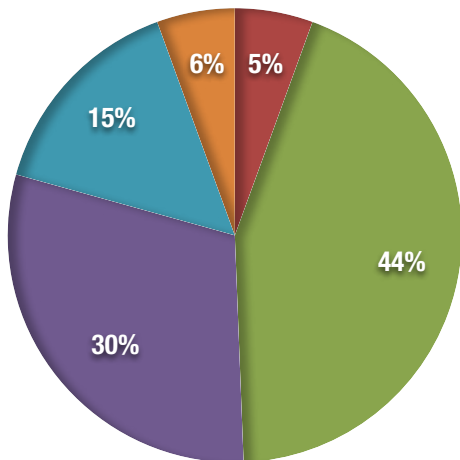
	DECK	SUPERSTRUCTURE	SUBSTRUCTURE
Francis Scott Key Bridge	6	6	6
Bay Bridge (Eastbound)	6	6	6
Bay Bridge (Westbound)	6	5	6
Thomas J. Hatem Bridge	7	6	6
Harry W. Nice Bridge	5	5	5
Millard E. Tydings Bridge	6	5	6



DECK CONDITION

- 4 – Poor (1)
- 5 – Fair (14)
- 6 – Satisfactory (113)
- 7 – Good (166)
- 8 – Very Good (11)
- N – Not Applicable* (19)

RATING	COUNT
4 – Poor	1
5 – Fair	14
6 – Satisfactory	113
7 – Good	166
8 – Very Good	11
N – Not Applicable*	19
GRAND TOTAL	324



SUPERSTRUCTURE CONDITION

- 4 – Poor (0)
- 5 – Fair (18)
- 6 – Satisfactory (142)
- 7 – Good (97)
- 8 – Very Good (49)
- N – Not Applicable* (18)

RATING	COUNT
4 – Poor	0
5 – Fair	18
6 – Satisfactory	142
7 – Good	97
8 – Very Good	49
N – Not Applicable*	18
GRAND TOTAL	324

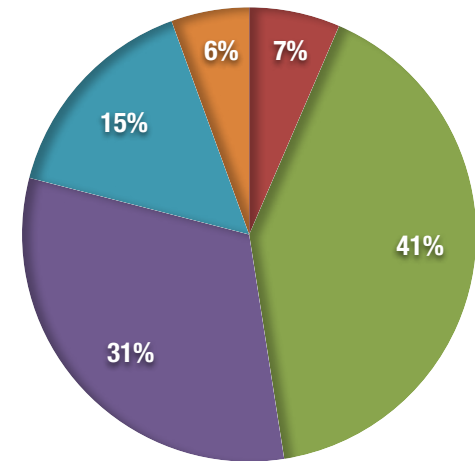
firms performed \$12.5 million in inspection services. All facilities were found “to be maintained in good repair, working order, and condition.”

In 2018, the MDTA invested in the extensive training and certification of employee experts as well as consultant inspectors in the MDTA Temporary Traffic Control Training Course, NTIS inspections of the BHT and FMT tunnels, Paint Inspection and the MDTA inspection requirements based on the latest Facility Inspection Manual. The inspection database (Authority Structure Inspection and Recommendations, or ASIR) was also customized to generate NTIS compliant tunnel inspection report. In 2018, Fort McHenry Tunnel received an overall condition rating of 6. Baltimore Harbor tunnel received an overall rating of 5.

In 2018, the MDTA inspected 324 bridges, including large and complex signature structures, that meet the FHWA’s definition of a bridge. The National Bridge Inspection Standards (NBIS) for bridge structures require separate and specific condition ratings for the primary components of each bridge. These components are the deck, superstructure (beams, girders, etc.) and substructure (piers and abutments). The information on this page is from the 2018 inspection data documented in the Repair 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 to replace this bridge just north of the tunnel is underway.

The following charts summarize the condition ratings by component for the 324 bridges that the MDTA inspected.



SUBSTRUCTURE CONDITION

- 4 – Poor (0)
- 5 – Fair (21)
- 6 – Satisfactory (133)
- 7 – Good (102)
- 8 – Very Good (50)
- N – Not Applicable* (18)

RATING	COUNT
4 – Poor	0
5 – Fair	21
6 – Satisfactory	133
7 – Good	102
8 – Very Good	50
N – Not Applicable*	18
GRAND TOTAL	324

* NOTE: These ratings are Not Applicable for culverts that do not include the respective components (deck, superstructure and substructure).



PHOTOS OF COURTESY PATROLS IN ACTION



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 assists with incident-management efforts and tows 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 and construction 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 2018, patrols assisted the drivers of 8,400 disabled vehicles and changed more than 6,400 flat tires. The unit logged more than 36,400 assists, more than 450 towed vehicles and more than 1.2 million patrol miles. In 2018, appreciative customers sent more than 75 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.



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 8. Six vendors were on-hand to provide information on safety and health resources. Additionally, presentations were made by Maryland Occupational Safety and Health personnel, the University of Maryland Extension Services and the MDTA Security and Emergency Management Office. New in 2018 to our June Safety Month activities was a field trip to the Maryland Agricultural Research Center in Cockeysville, MD where employees learned about food safety.

OESRM, with support from the MDTA Division of Procurement and MDTA Division of Information Technology, procured Software as a Service to secure

Personally Identifiable Information (PII) and gain efficiency in processes related to the handling of that information. The Software will make employee First Report of Injury, Accident Review Board, Drug and Alcohol Testing and regulatory medical examination processes more efficient. It allows supervisors and employees to see the appropriate information based on their responsibility level. Statistical information will be available to managers and executives in a dashboard environment. The automation of routine tasks and tracking of follow-up items will make MDTA safer and free staff from the common administrative communication associated with tracking tasks related to safety. Roll-out of this technology will be completed in Q2 of 2019.



E-ZPass[®] Maryland Customer SERVICE



**E-ZPASS[®]
OUTREACH TEAM**

April 2018 marked 19 years of electronic toll collection in Maryland. In those 19 years, *E-ZPass*[®] use has consistently grown each year.

More than two million *E-ZPass*[®] Maryland transponders are on the move, and 80% of all traffic at MDTA facilities uses *E-ZPass*[®] to pay tolls electronically. In fact, 94% and 80% of customers using the Hatem Bridge and Key Bridge, respectively, pay by *E-ZPass*[®]. Additionally, 88.9% pay by *E-ZPass*[®] on the ICC and 96% pay by *E-ZPass*[®] on the I-95 Express Toll Lanes – the State's two all-electronic toll roads.

In its continuing efforts to connect customers to life's opportunities, the MDTA continues to enhance customer service and tolling operations at its facilities:

- The MDTA's *E-ZPass*[®] Operations staff assisted more than 17,000 customers.
- *E-ZPass*[®] Operations continues to take 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 average number of open cases in queue per week is 140 and the average processing time is less than seven days.

The MDTA's *E-ZPass*® Outreach Team provided information about *E-ZPass*® Maryland to large employers, businesses and civic organizations. During 2018, the group processed 2,058 transponders and shared information with almost 4,200 citizens during 105 local events and visits to area businesses.

The MDTA continues to look for ways to enhance customers' experience. On February 7, 2018, the MDTA unveiled its new *E-ZPass*® Maryland mobile web site that provides customers with easier and more-convenient access to their accounts via ezpassmd.com. In addition to the user-friendly mobile website, the MDTA also started selling *E-ZPass*® "On the Go" transponders at the Maryland Department of Transportation (MDOT) Motor Vehicle Administration (MVA) eStores and sending email alerts to *E-ZPass*® customers when certain account-based activities occur. On September 7, 2018, the MDTA and the MDOT MVA announced the grand opening of the new *E-ZPass*® Maryland Customer Service Center at the Bel Air MVA Branch. At the Bel Air MVA Branch, customers can sign up for *E-ZPass*® Maryland, update their account, pay Video Tolls and have face-to-face interaction with a customer service representative.

Throughout the year, the MDTA installed purple pavement markings and *E-ZPass*® symbols in the toll lanes approaching the Fort McHenry and Baltimore Harbor tunnels, the Kennedy Highway and the Bay Bridge. The new pavement markings and logos help guide motorists to the *E-ZPass*® Only lanes, minimize confusion and assist decision-making as they approach the toll plazas. This is part of the MDTA's initiative to provide safe and efficient traffic flow through its facilities. In addition, the MDTA revamped its Customer Service Centers with a consistent look and feel including purple paint treatments, stanchions, rugs, posters, materials and more to enhance customers' experiences when visiting the centers.



ABOVE: *E-ZPASS*® CUSTOMER SERVICE CENTER

RIGHT: *E-ZPASS*® OUTREACH TEAM

BELOW: PURPLE PAVEMENT MARKINGS



Law Enforcement



The nationally accredited 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 and the "You Text. You Drive. You Pay." distracted driving campaign to help move Maryland *Toward Zero Deaths*. There were more than 304,400 calls for service handled by MDTA Police officers during 2018. Also in 2018, officers made 520 criminal arrests, 914 arrests for suspected DUI offenses and issued 63,660 traffic citations and 84,890 traffic warnings. 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.

The Commercial Vehicle Safety Unit (CVSU) includes uniformed MDTA Police officers, civilian motor carrier inspectors and police cadets. In 2018, the CVSU inspected 25,515 vehicles. Of those, 2,985 vehicles were found to be overweight, which negatively impacts their safe operation. The unit took 5,697 vehicles and 2,112 drivers out-of-service to help preserve our roadways and facilities and keep our customers safe.

OTHER LAW-ENFORCEMENT HIGHLIGHTS INCLUDE:

- **The MDTA Police demonstrated** its Unmanned Aircraft System Program (Drone) to the Virginia Department of Transportation (VDOT) and the Virginia State Police (VSP). The MDTA Police Collision Reconstruction Unit now uses a drone to assist with the process of crash investigations. Drones allow for images to be captured at a faster rate, so that roadways reopen quicker.
- **On February 28, the MDTA Police joined** the Transportation Security Administration (TSA) to demonstrate the proper way travelers can bring their firearms with them when they fly. Individuals may fly with their firearms, however, there is a right way and a wrong way to do it. TSA invited the media to the airport to learn how to do it properly and convey this important information to their listeners and viewers.
- **On March 8, Lt. Governor Boyd Rutherford** joined the MDTA Police for its 50th Recruit Class Graduation. Twenty-three recruit candidates graduated following a rigorous 32-week academic and physical training program.



LEFT: MDTA OFFICERS WERE DISPATCHED TO AN ANIMAL IN DISTRESS. OFFICERS RESPONDED WITH THE MARYLAND NATURAL RESOURCES POLICE.

Graduates included officer candidates from the MDTA Police (12), MDOT MTA Police (8), Annapolis Police Department (2) and Greenbelt Police Department (1).

- **On April 20, the MDTA Police** was honored to host the annual “Blessing of the Badge” event conducted by the Maryland Chapter of the National Organization of Black Law Enforcement Executives (NOBLE). This event recognizes the courage, dedication, challenges and commitment of law enforcement, along with all public safety professionals. The highest ranking law enforcement officer in attendance for their respective agency placed their badge on a table and prayers were offered for all members in the department.
- **Throughout the year, the MDTA Police participated** in numerous community-based events including recruitment at Martin State Airport, career days at Diggs Elementary and Cooper Lane Elementary schools, Coffee with a Cop at Charles Towne Center, interview preparation at Sparrows Point High School and the Law Enforcement Torch Run and Tunnel Run to benefit Special Olympics Maryland.
- **On August 7, MDTA Police participated** in National Night Out events throughout the State. The rain could not dampen their spirits and efforts!
- **Congratulations to Lieutenants Adam Watkowski, Ron Leath and DeMarco Hicks** on their graduation from Northwestern University’s School of Police Staff and Command. During the intense 10 week college program, these Lieutenants joined commanders from various agencies to enhance their management and leadership skills. As part of their legacy program, the class raised more than \$9,000, which was donated to The Nathan Chris Baker Foundation. This Foundation provides financial, physical and emotional support to individuals, families and communities in need.



ABOVE AND BELOW: MDTA POLICE PARTICIPATING IN COMMUNITY EVENTS





■ **The 51st MDTA Police Academy class graduated** on October 11. Walter F. “Pete” Landon, Director of the Governor’s Office of Homeland Security addressed the 26 recruit candidates. Fourteen newly graduated MDTA officers were assigned to police detachments at Maryland’s toll facilities, BWI Thurgood Marshall Airport and the Port of Baltimore. The graduating class also included 12 members of the MDOT MTA Police.



■ **The MDTA Police arrested a Virginia man** after being called to the scene of a motor vehicle crash who had more than 84,000 untaxed cigars and \$15,500. Officers took the individual into custody without incident and contacted the Comptroller of Maryland Field Enforcement Division regarding the seizure. An agent charged the individual with transporting cigars within Maryland without the tobacco tax being paid and unlawfully possessing 84,048 in unstamped tobacco products. The total tax loss for the state of Maryland is \$58,833.60.

■ **The MDTA Police participated** in National Traffic Incident Response Week in November to raise awareness of the dangers that first responders face when they are assisting thousands of motorists every year. Maryland Law mandates that when motorists see red, yellow or amber flashing lights on transportation, service and utility vehicles, as well as waste and recycling trucks, they move over a lane or slow down. Failing to do so can result in fines and points on your driver’s license.

■ **In December, 12 MDTA Police officers** completed the Applied Suicide Intervention Skills Training (ASIST). The skills that they learned included identifying coworkers or civilians who are displaying signs and symptoms of suicidal behavior and getting them help.

MDTA POLICE COMMUNICATIONS UNIT

The mission of the MDTA Police Communications Unit is to provide support services to police personnel to allow them to effectively, safely and professionally perform their law enforcement functions. The unit also provides support services to the public to ensure their safety and security.

The MDTA Police Communications Unit coordinates the delivery of emergency services for the MDTA Police and MDOT Maryland Aviation Administration Fire/Rescue. There are three centers, one for the Baltimore Metro, one at BWI Thurgood Marshall Airport and at the Nice Bridge. Our Communications Centers are staffed 24/7 by trained emergency dispatchers. These professionals are responsible for receiving and documenting calls from police personnel and citizens, dispatching resources as necessary, monitoring alarms, performing records checks, relaying information and coordinating mutual-aid requests from other agencies. During 2018, the MDTA Police Communications Unit handled 304,452 calls for service for police and 3,970 calls for EMS/Fire. The Unit is the life line to police/Fire/EMS in the field and is vital to the safety of our officers and customers who request assistance.



ABOVE: FIREARMS TRAINING

TOP: IMPAIRED DRIVING TRAFFIC STOP
 ABOVE: MDTA POLICE AT THE NATIONAL LAW ENFORCEMENT OFFICERS POLICE WEEK
 BELOW: MDTA POLICE INCIDENT COMMAND VEHICLE AT THE NATIONAL NIGHT OUT EVENT



EMERGENCY OPERATIONS CENTER

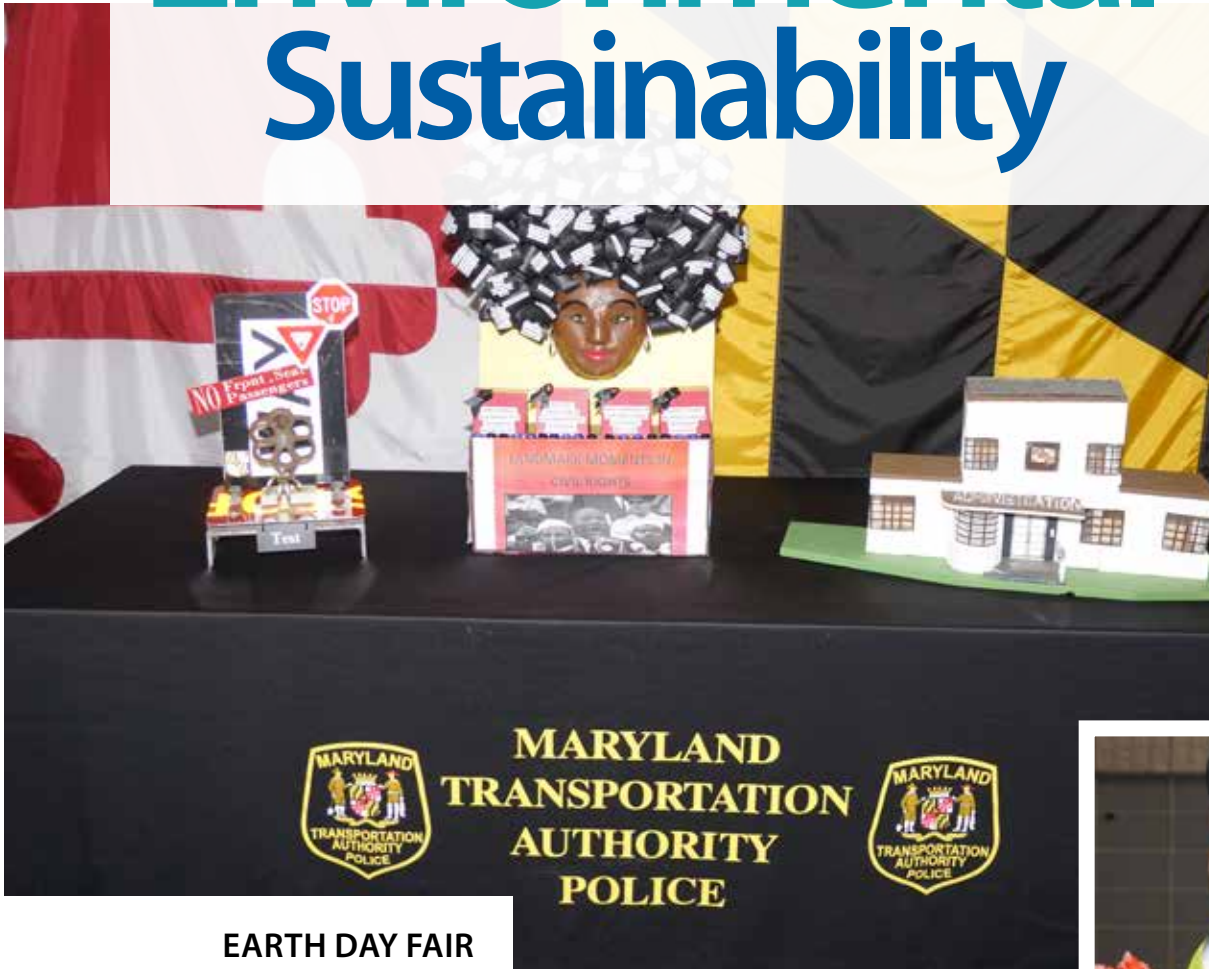


TOP LEFT: EMERGENCY DISPATCHERS

ABOVE: RIBBON CUTTING FOR THE NEW EMERGENCY CALL CENTER

LEFT: EMERGENCY DISPATCHER

Environmental Sustainability



EARTH DAY FAIR

MDTA employees celebrated Earth Day 2018 with an annual Earth Day Fair held April 25. During the Fair, employees had the opportunity to speak with exhibitors about a variety of environmental topics. The Office of Environment, Safety and Risk Management (OESRM) held the agency's 4th Annual Reused/Recycled Material Art Contest and continued MDTA's annual recycling competition between its facilities. In 2015, the OESRM added a field trip component to MDTA's Earth Month. This year, OESRM expanded the field trips to schedule them throughout the warmer months of the year in order to promote the concept that Every Day is Earth Day. At least one field trip was planned for every month beginning in April and ending in July. During these trips, MDTA employees visited a wastewater treatment plant in Baltimore; a public charter school in Baltimore City that is the only school in the State to achieve LEED Platinum certification for a renovation project; the facility that collects and processes MDTA's street sweeping wastes for reuse; a Calvert County treasure known as the Battle Creek Cypress Swamp Sanctuary; and a veteran-owned and operated composting facility that is home to the largest commercial vermicomposting operation in the State. Connecting MDTA employees to these facilities helps emphasize the importance of participating in local programs for materials reuse, waste reduction and recycling conservation.



LEFT: EARTH DAY FAIR



REDUCE, REUSE, RECYCLE!

The MDTA continues to grow its recycling efforts. In 2007, the MDTA reported a recycling rate of 4.5%. By 2018 the recycling rate was nearly 23%, 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 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 1,647 tons of materials during 2018.

Through 2018 recycling efforts, MDTA contributed to the conservation of approximately 320 trees; 3,045 gallons of oil; 32,161 kilowatt (kW) hours of electricity; and 96,363 gallons of water by recycling 60.18 tons of paper and cardboard. By recycling 109 tons of scrap metal, we contributed to the conservation of another 8,284 gallons of oil and a whopping

1,293,176 kW hours of electricity. MDTA recycled 34.42 tons of bottles and cans, which contributed to an additional conservation of approximately 7,460 kW hours of electricity and 1,271 gallons of oil. Finally, MDTA contributed to an additional conservation of approximately 56,544 kW hours of electricity by recycling 0.71 tons of electronics.

SINGLE-STREAM RECYCLING

Throughout 2018, all of MDTA's facilities were transitioned to single-stream recycling. In an effort to refresh MDTA's recycling program and remind employees that all MDTA facilities are operating under the single-stream recycling requirements, OESRM revamped the internal recycling program. This revamp was kicked off in February 2018 and culminated in December 2018, with the following activities:

- Internal intermediate recycling containers were switched out and the color of MDTA's recycling containers were changed from blue to green;
- New signage was installed with the new intermediate containers at all facilities;
- A short video, using employees as actors, was prepared to help spread the message of the recycling change; and
- The recycling program was expanded to *E-ZPass*® Customer Service Centers (CSCs), to encourage our customers to recycle:
 - Distributed recycling containers to all CSCs (with signage).
 - Engaged the public via social media platforms to introduce recycling at the CSCs.
- OESRM conducted training with employees to re-introduce the recycling program and educate them on the changes.



PHOTOS OF EARTH DAY FAIR ACTIVITIES





ENVIRONMENTAL MANAGEMENT SYSTEM (EMS)

During 2018, the MDTA EMS Team met monthly and focused on meeting the Environmental Objectives (EOs) set forth to reduce environmental risks, updating EMS procedures and developing EMS awareness training. The MDTA EMS Team is comprised of representatives from OESRM, Operations, OEC and Planning & Program Development. Three EOs were set and action plans were developed to accomplish them:

- Ensure compliance with hazardous waste management and disposal regulations at facilities and construction sites,
- Ensure environmental compliance relating to mechanical services, specifically during fueling, at construction sites, and
- Ensure Oil Water Separators and Wash Bays are in compliance and functioning properly.

Additional EMS accomplishments this past year included:

- Updates to 12 EMS Procedures to meet the updated ISO 14001 EMS Standards in accordance with MDOT requirements;
- Preparation of EMS Awareness Training and supplemental materials to be rolled out organization-wide in 2019; and
- Preparation of a checklist to be used in MDTA's first internal EMS audit, which will be conducted in 2019.

TRANSPONDER RECYCLING

Following Governor Hogan's 2017 announcement that MDTA would no longer charge the \$7.50 fee for *E-ZPass*® transponders, we began mailing new devices to customer in order to replace old transponders that were currently in use. MDTA estimates that as many as 400,000 devices would be replaced during this swap. Protecting the environment through disposal of the old transponders was important to MDTA, as each transponder contains a lithium battery. MDTA was determined to responsibly dispose of these materials, which are considered a universal waste by U.S. Environmental Protection Agency (EPA) regulations. OESRM arranged for the collection of all recovered transponders for recycling. By the end of 2018, MDTA had collected 19 55-gallon drums of transponders that would be sent for recycling. The "great swap out" is anticipated to run through early 2019, by which time MDTA anticipates having as many as 22 drums of transponders for recycling. This is estimated to be about 11,000 pounds (or 5.5 tons) of materials to be recycled. Recycling materials means these items do not make their way to a landfill or incinerator, which conserves space and contributes to the life-extension of local landfills in the Baltimore area, where MDTA is headquartered.





MDTA EMERGENCY OPERATIONS CENTER

GOING GREEN FOR ENERGY CONSERVATION

During the last year, several strides toward sustainability and resource conservation were implemented throughout the MDTA. The MDTA Police headquarters building converted from using heating oil via an underground storage tank to using natural gas. Not only is natural gas a more environmentally friendly practice, but the MDTA reduces its energy source liability by eliminating the use of an underground storage tank. Additionally, all low-level ramp lights along the Kennedy Highway were converted to LEDs and, at the MDTA's recently opened Emergency Operations Center, the facility's heating and cooling systems operate on natural gas instead of electricity.

KENNEDY HIGHWAY TREE PLANTINGS

For several years, trees were planted in MDTA's right-of-way for various environmental mitigation compliance efforts as required. This met compliance needs, but may not have always been the most effective approach for MDTA or for the environment. To promote a strategic approach and environmental stewardship, staff from the JFK Maintenance I facility and Engineering's Environmental Division collaborated on native planting.

The team partnered on a tree planting project completed entirely by the MDTA workforce - a first for an MDOT business unit. The initial objective was to reduce mowing costs, but also offered cost-effective environmental mitigation credit. In particular, the trees help meet Chesapeake Bay restoration requirements. Trees also can be planted for mitigation for roadside tree permits or for Chesapeake Bay Critical Area.

Maintenance I targeted open space for tree plantings, then Engineering developed planting plans that met Maryland Department of Environment and Maryland Department of Natural Resources guidelines. The team procured a commodities contract from tree growers to get the most competitive price at the best quality. Maintenance staff will install and maintain the trees. The turn-key approach provides significant savings and sustainable landscaping, as well provided opportunities for different divisions to work together.



VIETNAM VETERAN'S MEMORIAL AT THE INTERCHANGE OF MD ROUTE 124 AND I-95 IN HARFORD COUNTY

Communications AND Community



LAW ENFORCEMENT
TORCH RUN

In 2018, 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 2018, the hotline received more than 689,600 calls.

Baybridge.com remained an extremely popular information source, with 506,379 unique visitors accessing the website during 2018. In addition, mdta.maryland.gov continued to provide valuable information about all facets of the agency. More than 703,000 unique visitors browsed the site in 2018. Both mdta.maryland.gov and baybridge.com feature responsive design, which makes the sites easily viewable from desktop computers, tablets and smartphones. Nearly 53% of mdta.maryland.gov users and 66% of baybridge.com users access the websites via mobile devices and tablets.

2018 was the first full year of the MDTA utilizing email/text alerts to subscribers via GovDelivery. Motorists can stay on top of ongoing roadwork and projects based on their commuter route via email or text alerts. MDTA boasts more than 44,400 subscriptions to traffic advisories, news items and news releases. A total of 216 bulletins were sent to MDTA subscribers in 2018.

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 2018, the MDTA sent more than 4,160 tweets and garnered more than 28,800 Twitter followers and nearly 39,000 “likes” on Facebook. The MDTA’s social media platforms also include Flickr and Instagram.

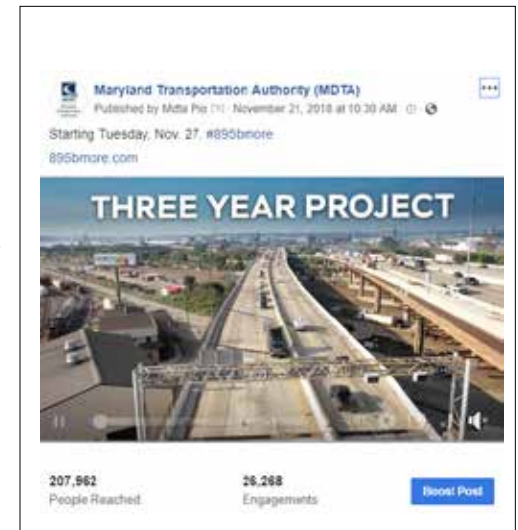
Social media proved once again how effective it is with communicating emergency messages to our customers when an unexpected, powerful windstorm impacted our region in March 2018. During the storm MDTA issued 92 tweets and 32 Facebook posts. On Facebook, our followers went from 31,406 (March 1) to 35,053 (March 5). On Twitter, followers went from 22,937 (March 1) to 25,982 (March 5).

In May 2018, Governor Larry Hogan eliminated the *E-ZPass*® \$7.50 transponder fee. Social media platforms promoted this change throughout the summer travel season: Motorists can save time & money with *E-ZPass*® Maryland.

The I-895 Bridge Project began in November and social media played a key role in getting travel information out to motorists in a timely fashion. Traffic pattern changes, alternate routes and project details, along with other vital updates, were conveyed through our platforms.

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. It focused on educating customers on the benefits of having *E-ZPass*® Maryland for a faster, reliable, less expensive and easier ways to travel.

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 geofencing technologies.



ABOVE: SOCIAL MEDIA MESSAGES TO SUPPORT THE I-895 BRIDGE PROJECT

BELOW: *E-ZPASS*® MARKETING CAMPAIGN

BELOW: *E-ZPASS*® “STICK IT ON AND GO” CAMPAIGN





The MDTA hosted the 86th Annual Meeting and Exhibition of the International Bridge, Tunnel and Turnpike Association (IBTTA) Oct. 14 - 16 in Baltimore. The event's theme was Trust and Accountability and featured informative sessions and roundtables and tours of the Bay Bridge, Fort McHenry Tunnel and new Emergency Operations Center. Demonstrations also were provided on Connected and Automated Vehicles and the MDTA Police Collision Reconstruction Unit's drone.

OTHER CUSTOMER SERVICE AND COMMUNITY HIGHLIGHTS FOR THIS YEAR INCLUDED:

- During 2018, DOC staff handled 3,921 customer calls, 1,391 emails, 697 pieces of correspondence, 235 Public Information Act requests and more than 200 media contacts and inquiries. In addition, more than 147 traffic advisories and news releases were provided to media outlets.
- The Division of Civil Rights and Fair Practices is responsible for the agency's outreach program entitled "Getting Your Foot in the Door." With Governor Hogan's focus of "Maryland is Open for Business," the MDTA initiated outreach related to "Building a Nice Bridge to Business" with a focus on Getting Connected. In 2018, the division once again partnered with other agencies and conducted three outreach events focused on minority contracting opportunities. The events

attracted nearly 100 participants in total. The MDTA achieved 14.59% participation on its MBE Program Goal during 2018.

- On April 11, employees took the time to "Go Orange" and support the men and women who are out on our roadways making a difference! Each spring, **National Work Zone Awareness Week** is held to bring national attention to motorist and worker safety and mobility issues in work zones. The 2018 National Work Zone Awareness Week was held April 9-13 – "Work Zone Safety: Everybody's Responsibility." The MDTA hosted a "Go Orange Day Breakfast" and debuted a video featuring MDTA employees encouraging work zone safety.
- The 2018 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 1-877-BAYSPAN information to travelers in Ocean City along the Boardwalk during heavily traveled summer weekends. The 1-877-BAYSPAN message reached its audience more than 187 million times through radio, digital, out-of-home, print and social media.
- The Bay Bridge ospreys – aka Ozzie and Harriet – made their way back to their nesting box for another year. Interested customers could watch them in their nest via the traffic camera Mondays through Thursdays from 12 – 12:30 p.m. barring any traffic incidents.
- The MDTA co-hosted the I-95 Safety Fair with the Maryland State Police's Kennedy Highway Barrack on September 22. Other MDOT business units also participated.



LEFT: BAY BRIDGE OSPREYS

BOTTOM: BAY BRIDGE SUMMER TRAVEL CAMPAIGN



RIGHT:
MDTA POLICE
PARTICIPATE IN "SHOP
WITH A COP"

MIDDLE:
ACROSS THE BAY 10K



ABOVE: I-95 SAFETY FAIR

- The MDTA hosted its annual Job Fair and Open House on Oct. 3 at the Intercounty Connector. More than 70 people attended.
- 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.
- The Customer Service and External Communication Team developed an interactive project map for MDTA's website under the Projects and Studies section. The map allows customers to view active MDTA construction projects on any of our facilities and provides basic information on each one. Users simply hover over an orange construction cone on the map and click on it. An information box will open to show the type of work, traffic impacts and estimated completion date.
- MDTA Police once again 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 29th year the MDTA has participated in this program. MDTA's customers donated 3,803 toys and \$5,287.36. Since 1990, we have collected more than 160,000 toys and \$131,000.

BELOW: MDTA EMPLOYEES "GO ORANGE" FOR
NATIONAL WORK ZONE AWARENESS WEEK



LEFT:
MDTA POLICE
PARTICIPATE IN
"SHOP WITH
A COP"

BELOW:
MDTA POLICE
PARTICIPATE IN
TOYS FOR
TOTS CAMPAIGN



■ **MDTA employees** raised much-needed funds during the 2018 Maryland Charity Campaign. 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.

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

- **Team MDTA Police** participated in the 22nd Annual Polar Bear Plunge to benefit Special Olympics Maryland and raised \$2,696. Recruit Class 50 also raised \$1,760.
- **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 6.
- **The MDTA Police and MDTA staff hosted the 10th Annual Fort McHenry Tunnel 5K Run/Walk** on September 16. Participants ran or walked through the right northbound tunnel tube and raised \$30,000.



ABOVE : FORT MCHENRY TUNNEL 5K RUN/WALK

RIGHT: FORT MCHENRY TUNNEL 5K RUN/WALK AD



ABOVE: MARYLAND CHARITY CAMPAIGN



LEFT: LAW ENFORCEMENT PARTICIPATING IN COMMUNITY-BASED EVENTS

RIGHT: LAW ENFORCEMENT TORCH RUN



Awards



INDUSTRY AWARDS

The MDTA received a **Maryland Quality Initiative (MdQI) award** for “Projects Under \$5 Million.” In total, MDTA crews completed 29 installations, including installing electrical conduits, new ground-mounted signs and modifying and removing existing highway signs during a three-year period.

On Jan. 6, MDTA Director of Procurement **Donna DiCerbo** was elected president of the Maryland Public Purchasing Association, Inc. (MPPA) for the 2018 term. Previously, Ms. DiCerbo served as the Association’s vice president (2017), director (2015-2017) and as secretary (2008, 2009, 2017). Donna has worked for the State of Maryland for the past 37 years and joined the MDTA in 2012 as a procurement administrator. That same year, she was promoted to her current position as director of procurement for the MDTA.

On Jan. 16, 2018, MDTA employees **Meshelle Howard** and **Joyce Rebar** were honored by the Women’s Transportation Seminar (WTS) Baltimore Chapter with its 20187 Rosa Parks Diversity Leadership Award and President’s Award, respectively. The Rosa Parks Diversity Leadership Award is given yearly to women who “exhibit extraordinary efforts or initiatives in facilitating professional opportunities for women and minorities.” The MDTA Procurement Review Group, chaired by Meshelle, is responsible for reviewing the Minority Business Enterprise (MBE), Small Business Reserve and Veteran Owned Small Business Enterprise goals set for every contract. Meshelle’s proactive approach to business development has led the MDTA to achieving a 26.79 percent MBE



attainment to date. This makes the MDTA one of the more successful MBE programs in the State. Joyce received the **President's Award** for her help in planning the WTS Baltimore Chapter's 35th Anniversary Gala, serving on the sponsorship sub-committee and the program/entertainment sub-committee. Joyce recently celebrated 10 years with the MDTA and is a Transportation Design Engineer III with the Environmental Engineering unit.

Director of Civil Rights and Fair Practices **Meshelle Howard** also was honored with the **Black Wall Street Lifetime Achievement Award** for her work with small businesses in the state of Maryland. The award was presented at the 2018 Black Wall Street Summit held in the historical Orchard Street Church, home of the Greater Baltimore Urban League. Meshelle also was named Women Transportation Seminar's (WTS) Baltimore Chapter Woman of the Year!

On May 17, **Officer Brennan Voshell** was recognized as a nominee for the 28th Annual Sgt. Wallace J. Mowbray Memorial Award for **Outstanding Law Enforcement Officer** for Queen Anne's County.

Bel Air Moose Lodge #1952 honored MDTA Police **Officer George Grossnickle** for his exemplary performance as the four-time Hatem Bridge detachment's **Officer of the Year**.

Congratulations to Dispatcher Supervisor **Megan Lamont**, who was recognized at the 100 Club of Anne Arundel County Unsung Heroes Awards Banquet. The MDTA Police nominated her for her dedicated hard work and leadership at the BWI Marshall Dispatcher Center.

Officer Timothy Denny was awarded the **2018 Community Safety Award** from the Northern Anne Arundel County Chamber of Commerce for going above and beyond the call of duty to protect the citizens and property of Anne Arundel County.

Director of Construction **Dave Ferrara** was honored with the **2018 Distinguished Owner Award** at the CMAA National Conference and Trade Show. This award recognizes an owner member who understands the value of a professional Construction Manager (CM) on the job and whose consistent actions, with a demonstrated record over a number of years, have made meaningful/extraordinary contributions to the advancement of the CM profession, such as mentoring, advocating, promoting, and selecting professional CMs.

Officer Jamila Conley was named "Instructor of the Year for MDTAP" and **Officer James Conley, Jr.** was named "Adjunct Part-time Instructor of the Year for MDTAP" at the 2018 Annual Instructor's Award and

Training Conference sponsored by the Maryland Police and Correctional Training Commission.

For the fifth consecutive year, the MDTA was awarded a **Certificate of Achievement for Excellence in Financial Reporting for its comprehensive annual financial report (CAFR) for FY 2018**. 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.



RIGHT:
2018 COMPREHENSIVE ANNUAL FINANCIAL REPORT

EMPLOYEE AWARDS

EMPLOYEE OF THE MONTH

Garry Kirts – January

Serena Liu – February

Peggy Shickling – March

Tamory Winfield – April

Zachary Schweiger – May

Kim Millender – June

William Brown – July

Houston Denney – August

Darlene Walker – September

Richard Holthaus – October

Jeff Robson – November

Bud Palmer – December



MDTA POLICE OFFICER OF THE YEAR

Officer William Harris

DETACHMENT OFFICERS OF THE YEAR

Officer James Conley, Jr. – BWI Thurgood Marshall Airport Detachment

Sr. Officer William Blair – Commercial Vehicle Safety Unit

Det. Kevin Davis – Detective Unit

Officer Laron Wilson – Francis Scott Key Bridge Detachment

Officer William Harris – Nice/Middleton Bridge Detachment

Officer Tyler Sheldon – Homeland Enforcement and Traffic Team

Officer Howard Burnett – Intercounty Connector Detachment

Officer John Willis – K-9 Unit

Off. Paul Pastorek – Port of Baltimore Detachment

Officer George Grossnickle – Thomas J. Hatem Memorial Bridge Detachment

Officer Renato Guarnaccia – Tunnel Command Detachment

Officer Brennan Voshell – William Preston Lane, Jr, Memorial Bridge Detachment

MDTA POLICE SUPERVISOR OF THE YEAR
Corporal Jayson Cox

MDTA POLICE DISPATCH SUPERVISOR OF THE YEAR
Dispatch Supervisor I Jami Barr

MDTA POLICE DISPATCHER OF THE YEAR
Dispatcher II Kylie Davis



MDTA POLICE MOTOR CARRIER INSPECTOR OF THE YEAR

Motor Carrier Inspector James Fischer

MDTA ANNUAL EMPLOYEE AWARDS PROGRAM

RIISING STAR AWARD

Traffic Discipline Manager, Serena Liu

CUSTOMER SERVICE AWARD

The E-ZPass® Operations Unit

Darol Smith

Jennifer Stump

Laura Vandervort

Candy Walter

Thomas Waterfield

Tina Williams

Todd Nemphos

Karen Riecke

Bethlihem Debesai

Efrem Foster

Darla Free

Carah Hall

John Kisselstein

Jaquetta Barnes

Lisa Bohn

Karen Denton

HEROISM AWARD

JFK Maintenance II Team

William Strong

Christopher Stumpf

Mike Quinn

Randy Myers

SUPERVISOR OF THE YEAR AWARD

Special Assistant to the CFO and Deputy CFOs, Kim Silwick

UNsung HERO AWARD

Regional Buyer, Laura Cartrette





GUIDING PRINCIPLES AWARD

Toll Audit Section of the Toll Revenue Unit
Lavera "Vicky" Jones
Valerie Calvert
Michelle McDowell
Cyneathia Little

INNOVATION & QUALITY IMPROVEMENT AWARD

Consultant Construction Invoice Control Unit
Owusu Kankam
Taibat Gbadamosi
Chandra Coleman-Truitt
Jacqueline Mallory



LIFETIME ACHIEVEMENT AWARD

Deputy Director of Construction,
Charles (Kevin) Weber

EXECUTIVE DIRECTOR'S DISTINGUISHED LEADER AWARD

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

On March 13, 2018, the MDTA Police honored its top DUI Enforcement officers. In 2018, the MDTA Police made 1,035 arrests for driving under the influence. These top cops were responsible for more than 700 of those arrests:

Cpl. Fredric Luther, Homeland Enforcement and Traffic
Sr. Officer Paul Powers, Tunnel Command
Officer Ryan Andrzejewski, Tunnel Command
Officer James Conley, BWI Marshall Detachment

Officer Adel El-Fatlawi, BWI Marshall Detachment
Officer George Grossnickle, Hatem Bridge Detachment
Officer Conroy Harris, FSK Detachment
Officer Theodore Jeremenko, Tunnel Command
Officer Hirbod Mirzaie, Tunnel Command
Officer Paul Pastorek, Port Detachment
Officer Travis Queen, Tunnel Command
Officer Bret Ray, Tunnel Command
Officer Glyndwr Richards, Tunnel Command
Officer Raul Rivera-Martel, Tunnel Command
Officer Tyler Sheldon, Homeland Enforcement and Traffic
Officer Eric Shifflett, Tunnel Command
Officer Nicholas Waltrip, Bay Bridge Detachment
Officer Robert Weber, Jr., Tunnel Command
Officer Laron Wilson III, FSK Detachment

MDTA Police **Officer Timothy Denny** and **Officer Michael Freeman** were honored with **The Secretary's Extra Mile Award** for their outstanding Customer Service at BWI Marshall Airport. The awards were presented at the Jan. 30 Excellerator meeting.

The following employees who received the **Secretary's Extra Mile Award** for exceptional customer service at the May 8 Excellerator meeting:

■ **Emergency Response Technician Joey DePasquale**: for going the "extra mile" responding to motorists with disabled vehicles at the Bay Bridge.

■ **Lt. Kevin Foster, Lt. Michelle Mount and First Sgt. Jason Olschewski**: for achieving reaccreditation from the Commission on Accreditation for Law Enforcement Agencies (CALEA).
■ **Officer II William Harris**: for his outstanding efforts at the Nice/Middleton Bridge and for being named Officer of the Year for 2018.
■ **Ray Kyler**: for assisting stranded motorists at the Bay Bridge during dangerous, wintry conditions.

2018 TRUCK ROADEO COMPETITION

On July 19, 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. Congratulations to the following top three winners in each category:

DRIVERS:
Michael Quinn
Al Mosley
Eric Robel

VEHICLE RECOVERY TECHNICIANS:
Phillip Shives
Bill Hill
Robert Hullihen

MECHANICS:
Nick Bergen
John McDowell
Brian Lowery

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/Middleton 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 fiscal year ending June 30, 2018. 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, 2018, 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.

MARYLAND TRANSPORTATION AUTHORITY

STATEMENT OF NET POSITION

YEAR ENDED JUNE 30, 2018

(IN THOUSANDS)

ASSETS		LIABILITIES and NET POSITION	
CURRENT ASSETS		CURRENT LIABILITIES	
Cash and cash equivalents	\$ 75,305	Accounts payable & accrued liabilities	\$ 94,602
Restricted cash and cash equivalents	87,672	Intergovernmental payable	32,564
Investments	345,436	Unearned revenue	34,126
Accounts receivable	24,610	Accrued interest	42,874
Intergovernmental	5,506	Contractor deposits and retainage	12,439
Inventory	5,351	Accrued annual leave	564
Accrued interest	3,659	Accrued workers' compensation costs	2,019
Direct financing lease receivable	27,977	Bonds payable	144,620
TOTAL Current Assets	575,516	TOTAL Current Liabilities	363,808
NONCURRENT ASSETS		NONCURRENT LIABILITIES	
Restricted cash and cash equivalents	49,516	Contractor retainage, net of current portion	2,718
Restricted investments	117,748	Accrued annual leave, net of current portion	10,177
TOTAL Restricted Assets	167,264	Accrued workers' compensation costs, net of current portion	11,438
Capital assets, not being depreciated	1,492,637	Bonds payable, net of current portion	2,040,999
Capital assets being depreciated, net of accumulated depreciation	4,597,582	Net Pension Liability	213,150
TOTAL Capital Assets	6,090,219	TOTAL Noncurrent Liabilities	2,278,482
Direct financing lease receivable, net of current portion	356,548	TOTAL Liabilities	2,642,290
Other assets	12,242	DEFERRED INFLOW OF RESOURCES	
TOTAL Noncurrent Assets	6,626,273	Deferred service concessions	49,685
TOTAL Assets	7,201,789	Deferred inflows-pensions	28,466
DEFERRED OUTFLOW OF RESOURCES		Deferred Inflow of Resources	78,151
Deferred loss on refunding	3,160	NET POSITION	
Deferred outflows-pensions	53,597	Net investment in capital assets	4,351,581
Deferred Outflow of Resources	56,757	Restricted for:	
TOTAL Assets and Deferred Outflow of Resources	\$ 7,258,546	Debt service	118,727
		Capital expenses	2
		Unrestricted	67,795
		TOTAL Net Position	4,538,105
		TOTAL Liabilities, Deferred Inflow, and Net Position	\$ 7,258,546

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

JUNE 30, 2018
(IN THOUSANDS)



EXCELLENCE IN FINANCE 2018

Several important events occurred during 2018 that support the MDTA’s financial position. Fitch Ratings and Moody’s Investor Service upgraded the MDTA’s credit ratings by one notch to AA and Aa2, respectively, citing the MDTA’s superior financial flexibility, consistently high debt service coverage relative to peers, and prudent capital planning. Standard & Poor’s Global Ratings affirmed the MDTA’s AA- and Stable outlook. Revenues from the operation of toll facilities (includes both toll collection and enforcement efforts) exceeded \$700 million for the second consecutive year. Strong revenue performance totaling \$725 million in fiscal year 2018, allowed the MDTA to fund the \$503 million repayment of the outstanding Series 2008 Bonds and the \$100 million partial repayment of the Series 2007 bonds, resulting in a total debt service reduction of \$966.8 million through July 1, 2041.

OPERATING REVENUES	
Toll	\$ 676,726
Intergovernmental	129,675
Toll administrative	48,121
Concession	6,337
Other	1,536
TOTAL Operating Revenue	862,395
OPERATING EXPENSES	
Collection, police patrol, and maintenance	230,408
Major repairs, replacements, and insurance	8,244
General and administrative	31,550
Depreciation	144,784
PENSION Expense	24,094
TOTAL Operating Expenses	439,080
INCOME from Operations	423,315
NON-OPERATING REVENUES (EXPENSES)	
Investment expense	(1,376)
Restricted interest income on investments	7,284
Loss on disposal of infrastructure	(20,069)
Interest expense	(99,404)
TOTAL Non-Operating Revenues & Expenses	(113,565)
CHANGES in Net Position	309,750
NET POSITION – Beginning of Year	4,228,355
NET POSITION – End of Year	\$ 4,538,105

MARYLAND TRANSPORTATION AUTHORITY

STATEMENT OF CASH FLOWS

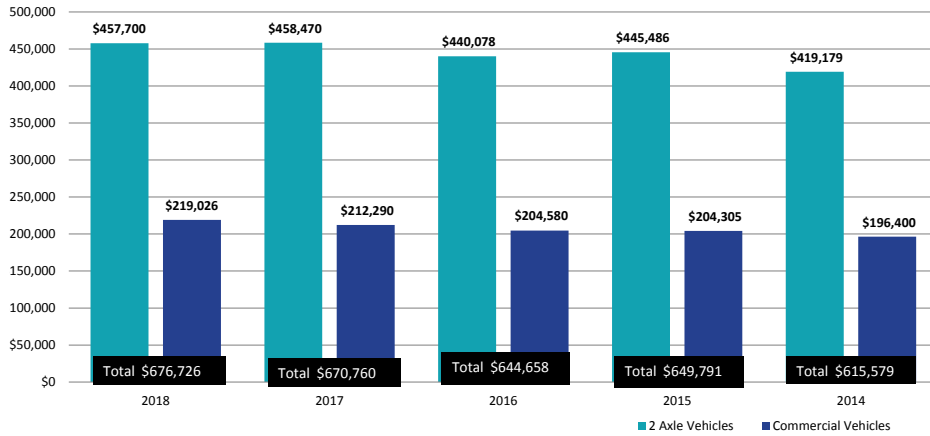
YEAR ENDED JUNE 30, 2018
(IN THOUSANDS)

CASH FLOWS FROM OPERATING ACTIVITIES	
Receipts from toll collections	\$ 732,805
Receipts from concessions and other revenue	7,449
Receipts from other governmental agencies for services	116,979
Payments to employees	(154,769)
Payments to suppliers	(133,057)
NET CASH provided by operating activities	569,407
CASH FLOWS FROM NONCAPITAL FINANCING ACTIVITIES	
Non capital debt interest payments	(20,038)
Non capital debt principal payments	(26,020)
Payments for direct financing leases	(85,045)
Payments received on direct financing leases	133,586
NET CASH USED by noncapital financing activities	2,483
CASH FLOWS FROM CAPITAL FINANCING ACTIVITIES	
Bond Proceeds	236,820
Capital debt interest payments	(115,005)
Capital debt principal payments	(989,312)
Acquisition and construction of capital assets	(309,041)
NET CASH USED in capital financing activities	(1,176,538)
CASH FLOW FROM INVESTING ACTIVITIES	
Proceeds from sales of investment	841,101
Net interest activity	6,265
Purchase of investment	(368,302)
Net cash used in investing activities	479,064
Net Decrease In Cash And Cash Equivalents	(125,584)
CASH AND CASH EQUIVALENTS – Beginning of Year	338,077
CASH AND CASH EQUIVALENTS – End of Year	\$ 212,493

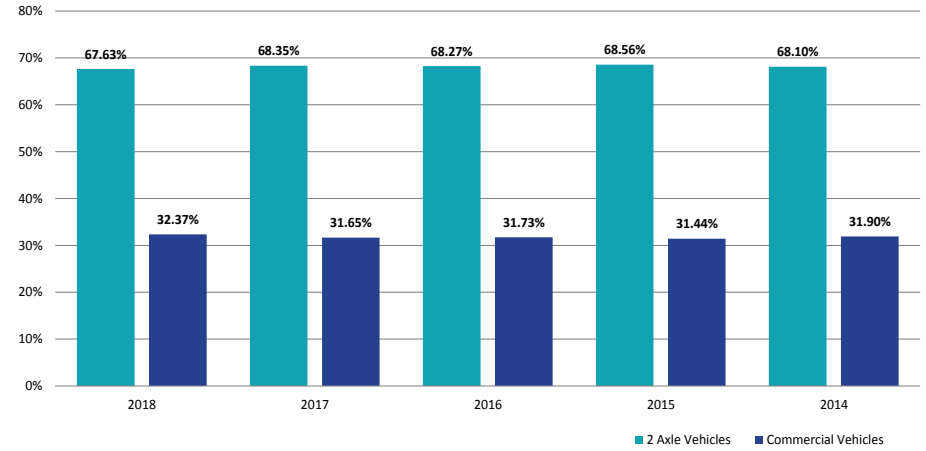
RECONCILIATION OF OPERATING INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES	
Income from operations	\$ 423,315
Adjustment to Reconcile Changes in Net asset to Net Cash Provided by Operating Activities:	
Deferred inflow service concession receipts	(86)
Deferred inflow pension investment	12,729
Deferred outflow pension expense & actuarial assumption	19,553
DEPRECIATION	144,784
EFFECT OF CHANGES IN OPERATING ASSETS AND LIABILITIES	
Accounts receivable and intergovernmental receivables	1,252
Inventory	307
Accounts payable and accrued liabilities	3,367
Intergovernmental payables	(14,088)
Unearned revenue	7,760
Accrued annual leave	241
Net pension liability	(32,004)
Accrued workers' compensation costs	(436)
Contractor deposits payable	2,713
NET CASH Provided By Operating Activities	\$ 569,407

TOLL REVENUE

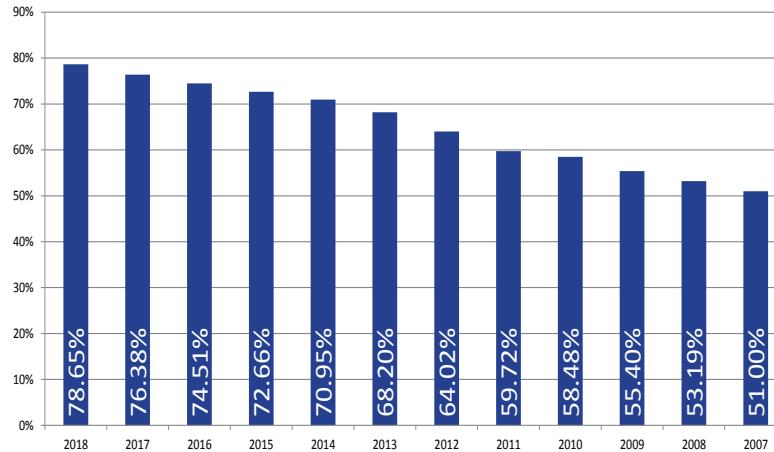
(IN THOUSANDS)



TOLL COMPOSITION



PERCENTAGE OF REVENUE FROM ELECTRONIC TOLL COLLECTION



2018

Annual Report



MARYLAND TRANSPORTATION AUTHORITY

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Larry Hogan, **Governor**
Boyd K. Rutherford, **Lt. Governor**
Pete K. Rahn, **Chairman**



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