



Montgomery County Department of Transportation

ANNUAL REPORT

FISCAL YEAR 2018

JULY 1, 2017 - JUNE 30, 2018





OUR VISION

A seamless transportation system for people of all ages, incomes and abilities that supports a vibrant and sustainable community.

OUR MISSION

To move people and connect places with the best transportation choices and services.

GUIDING PRINCIPLES

- ▶ Provide an effective and efficient transportation system
- ▶ Keep our system reliable, safe and secure
- ▶ Engage and support our diverse community
- ▶ Enhance quality of life
- ▶ Be innovative and forward-thinking

Message from Montgomery County Executive Ike Leggett

Montgomery County is changing. Our thriving County is attracting new employers and residents every day. This growth brings with it the potential for economic progress and shared prosperity. It also poses transportation challenges that require fresh, creative solutions. That is why we are committed to using innovative approaches to provide a safe, efficient and reliable transportation system that enhances the quality of life for everyone in Montgomery County. By building a balanced and comprehensive network that uses our roads more efficiently and supports more walking, bicycling and transit use, we will move forward together towards a better future.

Message from Montgomery County Department of Transportation (MCDOT) Director Al Roshdieh

MCDOT is creating the transformative and sustainable transportation infrastructure we need to help us fully realize Montgomery County's potential. We are developing forward-looking projects like the Bus Rapid Transit system, Ride On extRa and electric buses; expanding personal mobility with more Capital Bikeshare, dockless and e-bikes and scooters; and creating more transportation options with new bike facilities, sidewalks, transit centers and projects to reduce traffic congestion. At MCDOT, we are committed to delivering a first-rate, multi-modal transportation system that will expand opportunities for all.

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WHAT'S NEW?



LAUNCHED RIDE ON extRa

Began a limited stop, faster bus service along MD Route 355 between the Lakeforest Transit Center and the Medical Center Metro. Specially branded buses operate every 10 minutes during peak periods with the help of transit signal priority and no on-board farecard loading. Riders pay the regular Ride On fare. The buses feature low floor boarding, free WiFi access, USB charging ports, information displays and extra padding on the seats. Ride On extRa connects half of the County's transit services network, including MARC, MTA buses, Metrobus, Metrorail and 44 Ride On routes. The Ride On extRa is averaging more than 2,000 riders daily.

WON A \$1.75 MILLION FEDERAL TRANSIT ADMINISTRATION LOW OR NO EMISSION COMPETITIVE PROGRAM GRANT

The funding will be used to purchase the County's first, zero-emission, electric buses and charging stations. Electric buses will help cut the release of harmful pollutants and greenhouse gases and reduce the environmental impact of the County's fleet. Expanding the use of electric buses is an important component in the County's strategy to cut fuel consumption by 20 percent by 2020.

WORK COMPLETED ON FIRST PHASE OF WHITE FLINT TRANSFORMATION PROJECT

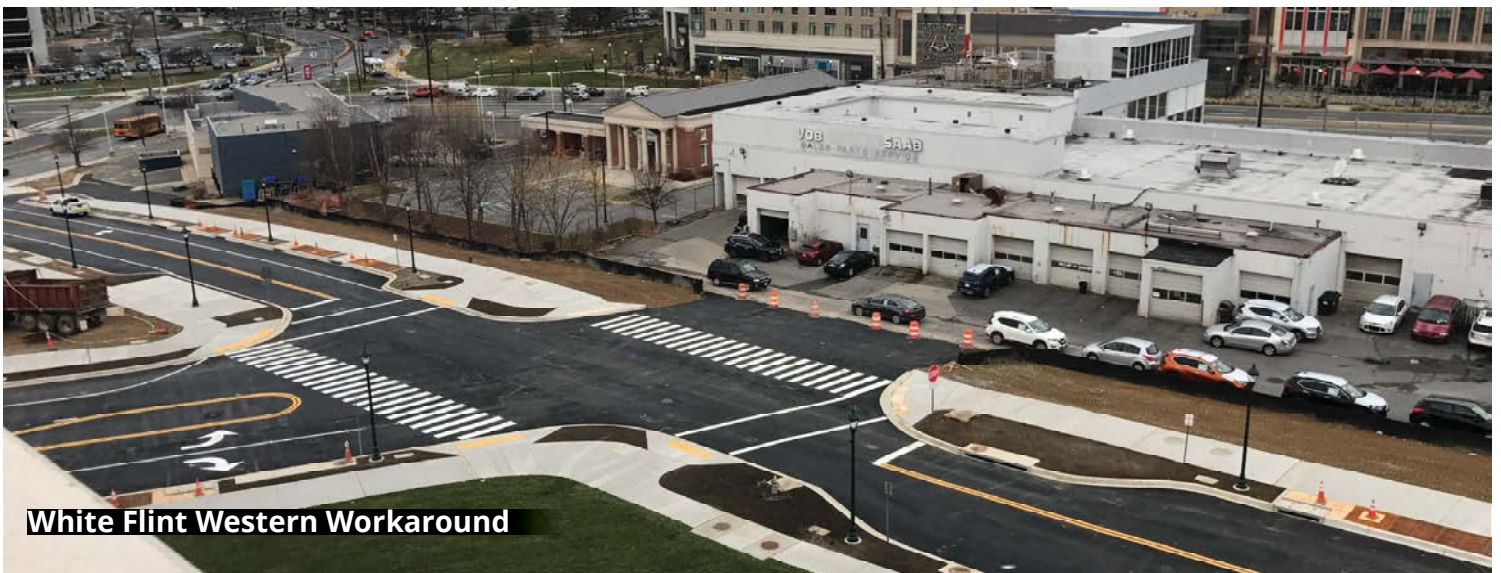
MCDOT completed Phase One of the White Flint Western Workaround project that is transforming existing superblocks into a more walkable, bikeable and transit-friendly community. This project phase included construction of a portion of Main/Market Street east of the existing Executive Boulevard, Executive Boulevard extended south of Main/Market Street, and a new garage for the North Bethesda Conference Center.

SUCCEEDED IN THE LONG-TERM GOAL OF ELIMINATING METRORAIL RED LINE TURNBACKS AT THE GROSVENOR STATION

For many years, MCDOT worked with stakeholders, including the County Executive, Montgomery County Council, members of the County's delegation to the Maryland General Assembly and residents to end the practice of alternate Red Line trains turning back at the Grosvenor Station instead of continuing through to Shady Grove. This year, the Washington Metropolitan Area Transit Administration approved funding to end the Red Line turnbacks in fiscal year 2019.

INTRODUCED DOCKLESS BIKESHARE

Montgomery County became the first suburban jurisdiction in the country to offer dockless bikeshare. MCDOT developed pilot project agreements with dockless bikeshare companies to expand mobility options in downtown Silver Spring and Takoma Park at no cost to the County. Dockless bikeshare does not rely on fixed bike stations. Instead, customers use a mobile phone app to locate a nearby bike and unlock it. In addition, MCDOT launched a dockless bikeshare ambassador program to help answer questions about using or parking the bikes.



White Flint Western Workaround



Spring Street Protected Bike Lane



Pop Up Bike Lane

MONTGOMERY COUNTY BECOMES FIRST IN THE STATE TO HAVE GREEN PAVEMENT MARKINGS ON STATE HIGHWAYS

Downtown Silver Spring's Spring Street protected bicycle lane project installed high visibility, green pavement markings through the intersection crossings at Georgia Avenue and Wayne Avenue. Once the State Highway Administration completes planned repaving, MCDOT will complete the markings at the Spring Street/Colesville Road intersection.

CELEBRATED BIKE TO WORK DAY WITH COUNTY'S FIRST POP-UP BIKE LANE

Despite rainy conditions, MCDOT's creation of a pop-up bike lane on Cheltenham Drive, Norfolk Avenue and Woodmont Avenue in downtown Bethesda was a success. Pop-up bike lanes are temporary, protected bike lanes that create a low-stress biking environment.

FIRST PROTECTED BIKE LANE COMPLETED IN SILVER SPRING

MCDOT completed construction of a protected bike lane along Spring and Cedar streets, connecting the existing Cedar Street contraflow bike lane at Wayne Avenue to signed bike routes at Second Avenue, Fairview Road and Ellsworth Drive.

BEGAN CONVERSION OF LIGHTS IN PARKING FACILITIES TO ENERGY-SAVING LEDs

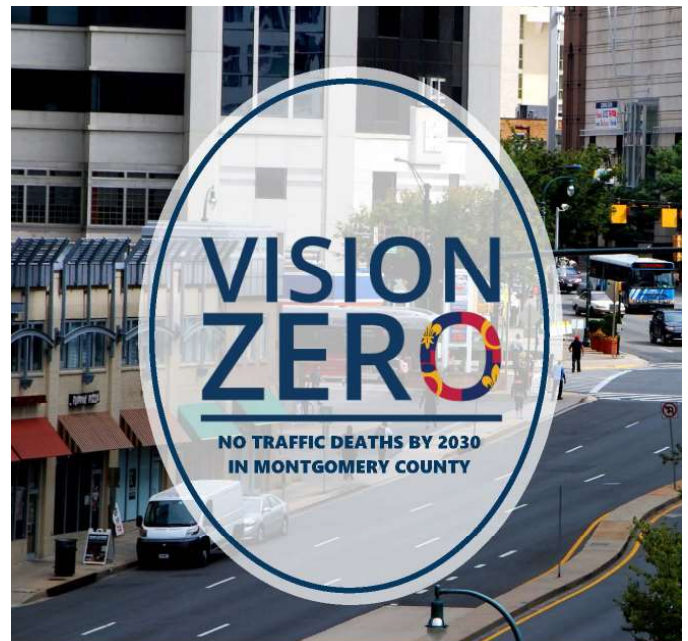
Over the next three years, MCDOT will switch all light fixtures in County-owned parking garages and lots to LED (light emitting diode), taking advantage of energy rebates that will save about \$300,000. The lights reduce energy use with occupancy sensors, which go from dim to full illumination when sensing a pedestrian or vehicle, and daylight sensors that provide only the brightness needed during the day.

EXPANDED PAY BY PHONE PARKING OPTIONS

MCDOT's Division of Parking began offering a second option to parking customers who pay for parking by phone, becoming one of the first communities in the country to successfully expand payment choices. The added convenience may be one reason why parkers increased their use of the MobileNow or ParkMobile apps this year by 20 percent -- to nearly 2.6 million parking sessions.

LEGGETT PRESENTS TWO-YEAR "VISION ZERO" ACTION PLAN

MCDOT partnered with other County departments and agencies to develop County Executive Leggett's Two-Year "Vision Zero" Action Plan outlining the path forward to eliminate severe and fatal collisions in Montgomery County.



OUR PLAN TO ELIMINATE FATALITIES AND SEVERE INJURIES ON OUR ROADS BY 2030
TWO-YEAR ACTION PLAN • AUG 2017

AWARDS, HONORS, GRANTS AND PRESENTATIONS



MCDOT is an award-winning organization that is nationally recognized for its innovation, high quality services and forward-looking programs.

Using a \$60,000 grant from the National Capital Region Transportation Planning Board Transportation Land-Use Connections Program, developed the “Lookout For Each Other” education campaign to explain new bike infrastructure and markings to drivers, bikers and pedestrians.

Won a \$60,000 National Capital Region Transportation Planning Board Transportation Land-Use Connections Program Grant to develop a transit plan to enhance bus service for the Great Seneca Science Corridor.

Received a \$269,834 Maryland Bikeways Program Grant to install Bikeshare stations along the Bethesda Trolley Trail that will connect Bikeshare in Bethesda with stations in Grosvenor, White Flint and Twinbrook.

Won a \$46,840 grant from Maryland's Transportation Alternatives Program, which was awarded to MCDOT's Safe Routes to School Program by the National Capital Region Transportation Planning Board, to conduct pedestrian and traffic safety enforcement and education at targeted schools.

Won a \$544,430 Federal Transit Administration Enhanced Mobility Grant from the National Capital Region Transportation Planning Board to reduce the cost of the County's Call-n-Ride taxi service for more than 85 percent of the lowest income participants. The program provides taxi trips for low-income seniors and individuals with disabilities.

Won six NACo Awards, including:

- o Best in Category for the BIM 360 Collaboration Hub, a cloud-based information repository of all County-owned garage systems.
- o Adaptive Signal Control Technology Pilot Project tested two traffic signal operation systems that automatically modify signal timing based on real-time changes in traffic conditions.
- o Electric Vehicle Infrastructure Program added electric vehicle charging stations in County-owned parking facilities.
- o Ride On extRa Art in Transit Program, a public-private partnership that gave teen apprentices the opportunity to create transportation-themed mosaics for each new, Ride On extRa bus stop.
- o Multi-Media Strategies and Website Makeover for Making Better Community Connections used viewable on-site cameras at project sites, time-lapse videos of construction progress, project storytelling clips, portable action cameras and Twitter feeds to broaden the public's awareness of MCDOT's activities and projects.
- o Wheaton Revitalization Project Communications Program kept the public engaged and informed about a project to replace a surface parking lot with a LEED Platinum office building, an underground parking garage, town square and first floor retail.

Won a 2018 International Parking Institute Parking Matters® Marketing and Communications Award for the Wheaton Revitalization Project communications program that is providing up-to-the-minute project updates.

Honored by the Metropolitan Washington Council of Governments Commuter Connections were two Montgomery County employers who work closely with MCDOT's Commuter Services to promote 'Better Ways to Work.'

Hosted international delegations from South Korea, Uganda, the former Soviet Republics and Sri Lanka who wanted to learn more about the County's transportation system and MCDOT's services and operations.

Participated in Bethesda Green's first Sustainability Series to promote the department's efforts to install electric vehicle charging stations throughout the County's parking facilities.

Featured in a Mobility Lab article highlighting how the County is reducing gridlock by creating more multimodal options, including the Ride On extRa, Bus Rapid Transit and a greatly enhanced bicycle network.

Presented a webinar on MCDOT's bus stop improvement efforts to the National ADA Network Program. Since 2007, MCDOT has made ADA improvements at 89 percent of its 5,341 bus stops.

Featured in an article by the Safe Routes to School National Partnership for bicycle and pedestrian education campaigns that are getting students involved in promoting safety.

Recognized by County Executive Ike Leggett for implementing a cost savings idea that recovers revenues from damaged traffic signal equipment.

Commended in the Washingtonian Magazine as leading the DC area in bicycling infrastructure.

Made a presentation on the Bus Rapid Transit system at a Suburban Maryland Transportation Alliance Meeting.

Featured in a Mobility Lab article, MCDOT's Transportation Demand Management program encourages use of car and van pooling, transit, biking, walking and other forms of transportation that don't rely on single-occupancy vehicles.

Made two presentations at the National Bus Rapid Transit (BRT) Conference, where staff discussed Montgomery County's public participation process for BRT projects and the development of station prototypes.



NACo Achievement Award



IPI Award



Best Bicycle Facilities in DC Area



BRT Presentation



Recognized by CE for Cost Savings Idea

IMPROVE THE TRANSPORTATION NETWORK WITH ACCESS FOR ALL



BRT Prototype

MCDOT is committed to providing an effective, efficient and comprehensive transportation network that is accessible to all users – whether they are pedestrians, bicyclists, transit users or motorists – regardless of their age, physical abilities or language capabilities.

RAPID TRANSIT SYSTEM

MCDOT is expanding travel options with Bus Rapid Transit (BRT) and helping to facilitate State projects to design and build the Purple Line and Corridor Cities Transitway (CCT).

- ▶ Became a direct recipient for Federal Transit Administration grants to streamline management of the \$10 million in federal funding received for BRT.
- ▶ Studied four alternatives for the MD 355 BRT to develop recommendations that will be presented in fiscal year 2019.
- ▶ Conducted community outreach about the BRT system, including mailings to 30,000 households within one-half mile of the planned first line along the US 29 corridor; focus groups; meetings with civic associations; “pop-up” events; an online survey and more.
- ▶ Held six US 29 and three MD 355 BRT open houses to present information on a variety of topics, including details about how BRT will operate. Obtained resident input on ways existing local bus services can better link with the US 29 BRT and efforts to incorporate art into station and surrounding area designs.

- ▶ Continued work on designs for protected bike lanes and other bicycle and pedestrian infrastructure improvements along roadways in Bethesda and Silver Spring that will improve the Interim Georgetown Branch Trail (GBT) detour during Purple Line construction and improve access to Purple Line stations. Work is ongoing with the Town of Chevy Chase to identify a low-stress bicycle route through the town to supplement the signed GBT detour.
- ▶ To accommodate redevelopment of the Apex Building in Bethesda, arranged for the move of the historic Community Paint and Hardware Building to one of the County-managed parking lots in Bethesda, and oversaw its leasing. Redevelopment of the Apex building will create a new, multi-use project over the future Bethesda Terminus Station of the Purple Line/Metrorail Station South Entrance.
- ▶ Led efforts to gather and summarize County comments on the Environmental Assessment Report for the Corridor Cities Transitway.



BRT Station Design

RIDE ON

Ride On is the largest transit system in the region next to Metrobus, featuring 375 buses, 75 routes, 21.6 million annual riders and 71,000 average daily boardings.

- ▶ To better serve the business community and North Bethesda, launched the specially branded Executive Connector, which coordinated Ride On Routes 5, 26 and 81 between the White Flint Metro Station, Jefferson Street, Montrose Road and the Twinbrook Metro Station to provide service every eight to 10 minutes. Increased daily corridor ridership by 100.
- ▶ Began a new, limited stop, rush hour bus service, the Route 129, that is averaging 500 daily riders. The 129 operates every 15 minutes along the US 29 corridor between the Burtonsville Park and Ride Lot and the Paul S. Sarbanes Silver Spring Transit Center.
- ▶ Continued increasing ridership on the Rock Spring Park Express Shuttle that operates between the Grosvenor Metro Station and the Rock Spring Business Park. The service is helping to transform a traditional office park through expanded accessibility.
- ▶ Made route schedule changes to better reflect actual travel times on 46 routes.
- ▶ Studied making Boyds transit improvements that will expand future service from Clarksburg to the Boyds MARC station, while adding more parking and bus and pedestrian access.
- ▶ Continued progress on Ride On's award-winning, bus stop improvement program, which to date, has improved 4,800 bus stops, and added sidewalks, bus stop pads, ADA ramps and kneewalls.
- ▶ Offered transportation services to seniors and persons with disabilities, providing 122,102 Call-n-Ride trips and 75,266 Medicaid Transportation trips.
- ▶ Added 592 clients to the Call-n-Ride and Same Day Access programs.
- ▶ Began Call-n-Ride Extra to allow special request trips outside the County for non-medical reasons.
- ▶ Participated in the Montgomery County Age Friendly Initiative by promoting travel options through senior recreation center outreach; mailing information to hospitals, health clinics, libraries, senior residential facilities and other locations; and using bus and bus shelter ads. The efforts increased the number of Senior SmarTrip card sales and increased Seniors Ride Free ridership by 10 percent.
- ▶ With Connect-A-Ride, co-sponsored free, two-day, public transit travel training workshops for those ages 50 and older to help them feel comfortable traveling on Ride On, Metrobus and Metrorail. Helped eligible workshop participants obtain a Senior SmartTrip card, which cuts regular fares in half.
- ▶ Continued encouraging kids to use Ride On by offering Ride On Youth Cruiser passes and the Kids Ride Free program, providing free rides Monday through Friday from 2 to 8 p.m.



Ride Smart Class for Seniors



Executive Connector



Call-n-Ride Program



Accessible Ride On Buses



BEFORE



AFTER

Bus Stop Improvement Program

ROAD PROJECTS

Montgomery County's comprehensive transportation plan provides balanced travel options for all. Ensuring there is an adequate road network to support those who have limited travel choices is an important priority.

- ▶ Completed the Stringtown Road expansion, between St. Clair Road and Snowden Farm Parkway, to address the growing number of drivers, bikers and walkers in the Clarksburg area. Widened the road from two to four lanes and added bike paths and a sidewalk that connect to the Greenway Trail.
- ▶ Completed reconstruction of Wapakoneta Road, from Namakagan Road to Walhonding Road. The project includes installing water, sewer and stormwater management facilities to improve drainage.
- ▶ Began construction to extend Clarksburg Square Road 300 feet from its current terminus to MD 355, construct and extend a sanitary sewer line, relocate a historic house and reconstruct a fuel tank and dispensing system to make way for the proposed roadway.
- ▶ Began construction to widen and resurface 1,300 feet of Snouffer School Road between Centerway Road and Turkey Thicket Drive, install stream mitigation measures, rebuild an old bridge and build a new bridge.
- ▶ Continued designing an intersection improvement project that will add auxiliary turn lanes at Clarksburg Road and MD 355/MD 121. The project is partially funded by a developer and will be built by MCDOT. Also included along Clarksburg Road is a sidewalk on the west side and a shared use path on the east side that will extend to Overlook Park Drive.
- ▶ Issued a contract to extend Platt Ridge Drive for 300 feet as a two-lane roadway from Jones Bridge Road to Spring Valley Road. Also planned are drainage and stormwater management facilities, retaining walls, a traffic signal and sanitary sewer upgrades.
- ▶ Continued the final design for 1,400 feet of Clarksburg Road/Snowden Farm Parkway that will widen and improve the road geometry for the southern approach to Snowden Farm Parkway. The project will connect Clarksburg Road to the west intersection leg of Snowden Farm Parkway and widen a 400-foot section of the eastern approach of Snowden Farm Parkway to Clarksburg Road.
- ▶ Completed a design to improve the Seminary Road intersection between Linden Lane/Second Avenue and Brookeville Road. The project will enhance safety and provide bike lanes and sidewalks.
- ▶ Completed a design to widen 3.5 miles of Goshen Road South, between Girard Street and Warfield Road, from a two-lane roadway to a four-lane divided highway and build a sidewalk, hiker/biker path and on-road bike lanes.
- ▶ Continued designing the Montrose Parkway East project, which will construct a four-lane divided roadway to extend the existing Montrose Parkway West to Veirs Mill Road.

► Continued facility planning for:

- Summit Avenue Extended, which will extend Summit Avenue from Plyers Mill Road to Farragut Road, improve Farragut Road and reconfigure the intersection of Connecticut Avenue/University Boulevard and Farragut Road.
- Phase 2 of the White Flint Western Workaround that is helping transform existing super blocks into smaller, more pedestrian-friendly streets. This project phase will construct a new road to extend Executive Boulevard east from Rockville Pike to Nicholson Lane.

- Conducted an ongoing study for the US 29 corridor to determine how to improve travel time for traffic, transit users, cyclists, pedestrians and high occupancy vehicles users and assess possible improvements.



BIKEWAY, SIDEWALK AND TRAIL PROJECTS

MCDOT is building new facilities to expand transportation options for a more walkable, bikeable and transit-friendly community.

- ▶ Constructed 29,000 feet of new sidewalks, repaired 31.7 miles of sidewalks and 7.24 miles of curbs, and installed 409 ADA ramps.
- ▶ Completed 40 percent of the project to construct the federally funded pedestrian crossing under MD 355, which includes high-speed elevators that will link the Metrorail mezzanine at the Medical Center Station with the Walter Reed National Military Medical Center and improve the intersection of Rockville Pike at Jones Bridge Road. The project is on schedule and on budget.
- ▶ Completed construction of the 3,400-foot-long Needwood Road Bike Path, Phase 1, which created a shared use path on Needwood Road from near Equestrian Lane to the western terminus of the ICC shared use path. The new, Needwood Path links users to the Shady Grove Metro Station, the Rock Creek Regional Trail and other trails that continue into Washington, D.C.
- ▶ Began construction of the:
 - Needwood Road Bike Path, Phase 2, to extend the path from Deer Lake Road to the beginning of the Nature Trail and continue it from the east terminus of the ICC Trail to Muncaster Mill Road. The project also includes a new, 800-foot sidewalk.
 - Capital Crescent Surface Trail from the Bethesda/Woodmont avenues intersection to Elm Street.
 - Quince Orchard shared use path from Dosh Drive to MD 117/West Diamond Avenue.
 - Fenton Street to King Street portion of the Metropolitan Branch Trail, which will, together with the next phase of the project, complete a 0.62-mile missing trail segment between Montgomery College and Ripley Street.
- ▶ Completed or continued design for the:
 - Frederick Road Bike Path, a 2.5-mile, hiker-biker path along the west side of Frederick Road (MD 355) between Stringtown Road and Milestone Manor Lane.
 - Emory Lane/Muncaster Mill Road Shared Use Path from Emory Lane to the North Branch Trail project.
 - Avery Road Shared Use Path from Muncaster Mill Road to Needwood Lake Drive.
 - Marinelli Road Separated Bike Lane from MD 355 to Nebel Street.
 - Executive Boulevard Separated Bike Lanes from Woodglen Drive to Nicholson Lane.
- ▶ Completed the first or second phase of facility planning for the:
 - Oak Drive/MD 27 and Franklin Avenue sidewalks and the Bradley Boulevard Bikeway.
 - 3.8-mile section of the Tuckerman Lane Sidewalk/Bikeway between Falls Road and Old Georgetown Road.
 - 3.5-mile Life Sciences Center Loop Trail, which is a shared use path that is a central feature of the Great Seneca Science Corridor Master Plan.

► Continued facility planning for the:

- Goldsboro Road Sidewalk/Bikeway, a one-mile segment between River Road and MacArthur Boulevard that includes sidewalks, one-way separated bike lanes, bikeable shoulders, a shared use path and replacement of the existing pedestrian bridge over Minnehaha Branch.
- MacArthur Boulevard Bikeway Improvements, 2.9 miles of bike and pedestrian facilities from Stable Lane to the I-495 underpass that includes two travel lanes and a shared use path.
- Bowie Mill Road Bikeway, Phase II, 3.3 miles from Olney Laytonsville Road to Muncaster Mill Road.
- Marinelli Road Separated Bike Lanes, 0.4 miles of separated bike lanes from Nebel Street to Rockville Pike.

► Continued constructing or planning for enhancements in Bicycle Pedestrian Priority Areas in Silver Spring, Grosvenor, Takoma-Langley Crossroads, Piney Branch and Long Branch, including:

- Spring Street Cycle Track (separated bike lane) along Second and Wayne avenues from Spring Street to Georgia Avenue, and bike lanes on Cameron Street from Second to Georgia avenues. The Spring Street and Second Avenue intersection will be the first protected intersection on the East Coast.
- Separated bike lanes on Second Avenue, from Spring Street to Colesville Road, and Wayne Avenue, from Colesville Road to Cedar Street.
- MD 355 shared-use path from Tuckerman to Grosvenor lanes.
- MD 355 Sidewalk from Grosvenor Road to Pooks Hill Road.
- Fenton Street separated bike lanes from Cameron Street to King Street.



PEDESTRIAN, BICYCLE AND TRAFFIC SAFETY

Montgomery County's award-winning pedestrian safety initiative is improving safety and access for pedestrians and bicyclists and is being emulated by communities throughout Maryland.

- ▶ Made significant pedestrian improvements in the White Flint area, including adding mid-block crosswalks, crosswalks at intersections that lack full crosswalks, ADA improvements, and other projects.
- ▶ Completed a concept analysis for the portion of the Capital Crescent Trail Tunnel that will extend through the new Apex Building at 7272 Wisconsin Avenue. The concept includes a bicycle storage facility in the building.
- ▶ Completed pedestrian and traffic safety engineering studies at 24 schools and completed 37 work orders.
- ▶ Continued implementing safety improvements in areas with the highest number of pedestrian collisions, including along:
 - Bel Pre Road, constructing experimental lighting devices at corridor crosswalks and reconstructing the traffic signal at the intersections with Connecticut Avenue and Homecrest Road.
 - Middlebrook Road, where final recommendations included reconfiguring lanes to enhance safety and traffic signal changes for Crystal Rock Drive. MCDOT installed accessible pedestrian signals, upgraded ADA ramps at Century Boulevard, realigned pedestrian crosswalks and reconstructed ADA ramps.
 - Lockwood Drive, including upgraded pedestrian facilities and corridor-wide bike lane markings and signage.
- ▶ Continued design for one of the first true High-Intensity Activated CrossWalk beacon (HAWK) signals in Maryland at Muddy Branch and Harmony Hall roads and Randolph Road and Livingston Street.
- ▶ Completed or planned traffic calming, intersection and spot improvements (such as speed humps), sight distance enhancements, traffic circles and curb extensions in dozens of locations throughout the County, including White Flint; Wheaton Central Business District; Clarendon and Fairfax roads; Seven Locks and Tuckerman roads; MacArthur Boulevard at Clara Barton Ramp; Cheshire Drive at Old Georgetown Road; Democracy Boulevard at Westlake Drive; Montgomery Village Avenue and Lakeshore Drive; Muddy Branch Road at MD 119; and Bradmoor Drive and Roosevelt Street.
- ▶ Made pedestrian and traffic safety improvements in North Wheaton, including the addition of five stop signs; installation or refreshing of 62 crosswalk and street markings; removal of traffic sign and signal obstructions; installation of six No Parking signs; repainting of double-line markings; repair and upgrading of street lights to LED; and an analysis of the need for additional lighting.

- ▶ Continued completing dozens of bike lane and pedestrian safety projects, including restriping crosswalks and installing school crossing signs, pedestrian warning signs and pedestrian refuge islands.
- ▶ Participated in the “Stay Alert, Stay Alive” Vision Zero initiative by making engineering and other safety-related improvements and collaborating with Montgomery County Public Schools to educate both youth and drivers about undistracted walking and driving.
- ▶ Worked with the Dale Drive Safety Coalition to develop a plan to improve pedestrian safety by installing pedestrian islands in three crosswalks, short traffic calming medians, bump outs, higher visibility crosswalk signs and pavement markings between Georgia Avenue and Colesville Road; and straightening the skewed intersection of Grace Church Road with Dale Drive.
- ▶ Made numerous pedestrian and traffic safety improvements along Arlington Road in Bethesda, such as restriping crosswalks with high visibility markings, installing school crossing signs, installing ground-mounted pedestrian warning signs and other signs, upgrading lighting and repairing street light outages. Afterwards, completed an evaluation of needed additional improvements and began making the changes.
- ▶ Installed the County’s first all-pedestrian traffic signal in downtown Bethesda to improve pedestrian and traffic safety along Arlington Road. The signal halts traffic in all directions, allowing pedestrians to cross all legs of the intersection at the same time.
- ▶ To address neighborhood concerns about traffic and pedestrian safety, traffic engineers held 29 community meetings.



School Crosswalk and Flexposts



Dale Drive Pedestrian Safety Improvements



Bel Pre Road Pedestrian Signal

PARKING

MCDOT operates three parking districts that provide on-street, lot and garage parking options in Silver Spring, Wheaton and Bethesda.

- ▶ Began construction of a Parking Services Facility, which will serve as the emergency operations center for the Division of Parking, house the maintenance and meter units and serve as a field office for staff.
- ▶ Continued major projects to renovate, maintain and repair parking facilities, including garage elevator modernizations.
- ▶ Provided daily cleaning of lots and garages and inspections of lighting, electrical systems and elevators. Also completed routine semi-annual washing and degreasing of all County-owned parking garages.
- ▶ Completed the Bethesda Parking Demand Study and began a study for Silver Spring to determine long-term parking trends and parking needs.
- ▶ Conducted a Customer Survey that showed an overall customer satisfaction rating of 4.7 out of 5. Users rated the garages and lots based on availability of parking, ease of navigation, facility condition, safety and security, ease of payment, convenience and other factors.
- ▶ Installed new, easier to use, multi-space, meter payment systems in the Town Square Garage, King-13th Street Garage and the Bonifant and Easley Lot.
- ▶ Participated in International Park(ing) Day, an event that makes selected public parking spaces available to the public to be creatively transformed into fun, parklike spots. MCDOT's successful event was featured in Parking Professional magazine along with events in other communities.
- ▶ In advance of the start of construction for the Purple Line, established several Residential Permit Parking Areas in East Silver Spring in neighborhoods within 4,000 feet of the light rail stations to provide residents the opportunity to mitigate impacts the project may have on neighborhood parking.



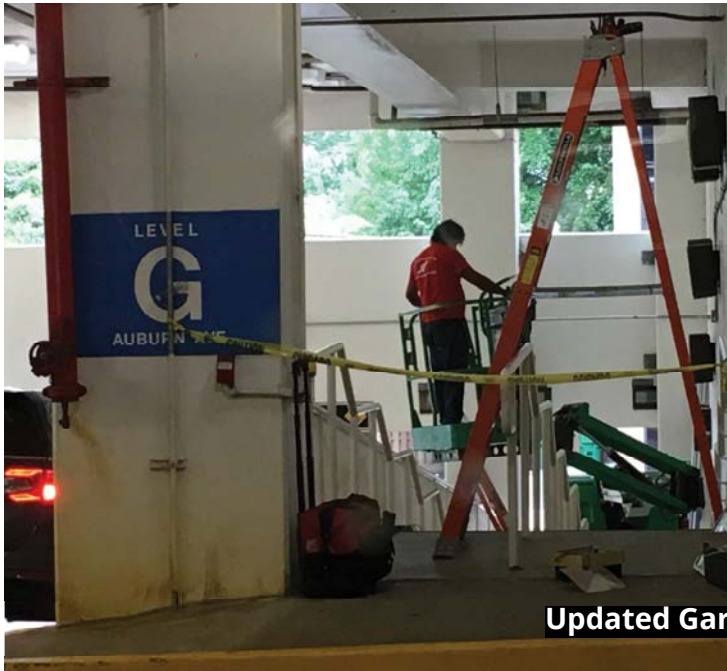
Capital Crescent Garage 31



Multi Space Payment Systems



International Parking Day



Updated Garage Lighting



Semi-Annual Garage Washing



Residential Parking Permit

FOCUS ON THE BASICS



MCDOT is dedicated to keeping our transportation and neighborhood infrastructure safe, sound and reliable for everyone -- pedestrians, transit-users, bicyclists and drivers -- by keeping our roads, bridges, sidewalks, bikeways and other facilities in good repair.

SNOW AND STORM RESPONSE

- ▶ Responded to 14 winter storms by clearing snow from 5,200 lane miles of County roads, about 50 miles of sidewalks and trails, 295 Ride On bus stops and 500 Ride On bus shelters.
- ▶ To prepare for winter storms, conducted a Mock Snow Day, which simulated MCDOT's response to a six-inch snowstorm, and a Snow Summit that highlighted new equipment and snow removal procedures.
- ▶ For the upcoming snow season, developed an online public information interface that shows near real-time snow removal status and fully integrates with MC311 requests.
- ▶ Developed a pilot project with Amazon Alexa that will allow residents in the test area to request leaf collection dates for their street.
- ▶ In cooperation with other jurisdictions, developed a solicitation for road salt to ensure Montgomery County has adequate supplies and is not competing with others in the region for scarce resources.
- ▶ Responded to a six-inch rain storm in July and addressed flooding and downed trees that closed 25 roadways. Crews worked overnight to clear trees, unblock drains and pipes and reopen roads.

ROAD, SIDEWALK, CURB AND GUTTER REPAIR

- ▶ Maintained more than 900 lane miles of primary/arterial roads and more than 4,000 lane miles of residential/rural roads, completing 84 projects throughout the County.
- ▶ Rehabilitated neighborhood roads, sidewalks, curbs and gutters in Bel Pre Woods and Cabin John Park, installing 73 ADA ramps and repairing 108,178 square feet of sidewalks.
- ▶ Resurfaced 43 lane miles of residential roads in the neighborhoods of Wyngate, Rosemary Hills, Northwood Park, Quince Orchard Knolls, Westchester, Heritage Farms, Woodmoor, Parkridge Estates, Kemp Mill, Holly Oaks, Lutes and Kenwood.
- ▶ Resurfaced 24 lane miles of primary and arterial roads, including Bethesda Avenue and Muddy Branch, Brink, Ednor, Mt. Pisgah, Randolph, Watkins Mill and Strawberry Knolls roads.
- ▶ Permanently patched 28 lane miles of roads, including in the neighborhoods of Stoneybrook Estates, Potomac Highlands and Meadowbrook and along Bethesda Church, Fairland and Clarksburg roads.
- ▶ Maintained about 2,000 miles of curbs and gutters.



- ▶ Patched 74 lane miles of roads in the Glen Mill Village, Rock Creek Terrace, Fox Hills West, Willows of Potomac, Foxlair and Brookville Estates neighborhoods and along Westerly Road, Sligo Creek Parkway, Poplar Hill Road and Richter Farm Road.
- ▶ Repaired or replaced 536,346 square feet of sidewalks, 145,238 feet of curbs and gutters and installed 336 ADA ramps in the neighborhoods of Highlands of Olney, Blair, Wheaton Woods, College View, Bonifant Woods, Stoneybrooke and Norbeck Manor.
- ▶ Made spot and geometric road and intersection improvements and installed 26,777 square feet of sidewalk and 7,690 linear feet of curbs on Goshen Road, Forest Glen Road, Oakmont Avenue, Shaw Avenue, Fairfax Road, Cedar Lane, Singleton Drive and Judson Road/Henderson Avenue.
- ▶ Continued a successful collaboration with utility companies to eliminate future conflicts on projects affecting roads and help MCDOT recover costs for road repaving.
- ▶ Handled 35,973 MC311 resident requests for Highway Maintenance services, such as mowing and road or pothole repair.
- ▶ Began biennial survey to assess the pavement condition of primary and arterial roadways, and using the data, developed road maintenance and resurfacing schedules.
- ▶ Tested 172,675 tons of asphalt at the Materials Control Center, which ensures the quality of materials used on countywide projects, such as asphalt, concrete, aggregate and soil.



Curb and Sidewalk Construction

RESURFACING PROCESS



Remove Roadway Surface



Patch Subsurface



Add Coating to Adhere Asphalt



Repave With New Asphalt

INVESTED IN INFRASTRUCTURE

Installed 409 ADA ramps.

Repaired 53 miles of sidewalk.

Repaired 29 miles of curbs and gutters.

Constructed more than eight miles of new sidewalks.

Resurfaced 178 lane miles of primary, arterial and residential roadways.

MAINTAIN AND IMPROVE TRAFFIC INFRASTRUCTURE AND LIGHTING

- ▶ Fabricated and installed 10,740 traffic signs.
- ▶ Repainted 1,112 lane-miles of pavement markings, including 566 crosswalks and 529 stop lines.
- ▶ Installed 56 miles of raised pavement markers.
- ▶ Installed 1,283 linear feet of guardrails.
- ▶ Maintained 28,800 streetlights; installed 744 new, replaced 519, and serviced/relamped 9,750 streetlights; painted 320 streetlight poles; and repaired 7,650 outages within an average of seven days.
- ▶ Conducted preventive maintenance to replace 650 LED traffic signal modules at 45 County signals and replace 1,703 incandescent traffic signal bulbs at 138 Maryland State Highway traffic signals.
- ▶ Received \$300,000 in rebates for LED streetlights.
- ▶ Installed a new traffic signal at the Multi-Agency Service Park, located at Snouffer School Road and Allison Hollow Way, to improve pedestrian and traffic safety.
- ▶ At MCDOT's Traffic Management Center, assisted with 8,620 requests, handling items such as signal malfunctions, traffic incidents, signal timing adjustments, and construction and maintenance activities.
- ▶ Reviewed the timing of 110 traffic signals on 10 corridors to optimize and better coordinate traffic flow.
- ▶ Continued enhancing and/or adding new streetlights to Central Business districts and Town centers by adding LED lighting to White Flint Phase I, the Metropolitan Branch Trail, the Bethesda Trolley Trail Phase II and Bethesda.
- ▶ Recovered \$85,000 from insurance companies to repair streetlights damaged by motorists.
- ▶ Began installing new signage to identify rustic roads. Montgomery County has nearly 200 miles of protected, rustic roads, which are historic and scenic roadways that reflect the agricultural character and rural origins of the County.
- ▶ Responded to more than 1,000 MC 311 service requests concerning traffic-related issues, including pavement markings, streetlights, traffic signals and signs, and traffic studies.
- ▶ Responded to more than 400 requests to trim tree foliage obstructions blocking signs, traffic signals, streetlights and sight distances.
- ▶ Reconstructed four, aging traffic signals at intersections: Overlea and Sangamore roads; Darnestown and Glen Mill roads; Democracy Boulevard and Gainsborough Road; and East and Montgomery lanes.
- ▶ Retrofitted nine intersections with Accessible Pedestrian Signals, bringing the total of such County-owned traffic signals to 125.



Traffic Management Center



Veirs Mill Road Pedestrian Signal



Tree Trimming



Install Traffic Signs



Rustic Road Sign



LED Streetlights

BRIDGES, CULVERTS AND STORM DRAINS

- ▶ Inspected 230 long-span bridges (bridge spans are 20 feet or greater) at least once every two years.
- ▶ Inspected 170 short-span bridges (bridge span is greater than six feet and less than 20 feet) every four years.
- ▶ Began reconstruction of a 31-foot-long roadway bridge along Park Valley Road over Sligo Creek, realignment of the Sligo Creek Trail, and construction of a new pedestrian bridge over Sligo Creek.
- ▶ Completed or continued progress on bridge repairs on: Twinbrook Parkway, Broadbirch Drive, Tuckerman Lane, Democracy Boulevard, Barnes Road, Spring Street, Hedin Drive, West Old Baltimore Road, Huntmaster Road, Bowie Mill Road, Valleywood Drive Temporary Bridge, Brink Road, Club Hollow Road, Talbot Avenue, Spartan Road, Connecticut Avenue, Zion Road, Randolph Road, Lake Potomac Drive, Lyttonsville, Brighton Dam Road, Bel Pre Road, Piney Meetinghouse Bridge over Watts Branch, Montevideo Road Bridge, Garrett Park Road, Silver Creek and Schaeffer Road.
- ▶ Rehabilitated park roads and bridges, including on Sligo Creek Parkway, Little Falls Parkway and Beach Drive.
- ▶ Completed designs to repair the Gold Mine Road Bridge over Hawlings River and Piney Meetinghouse Bridge #21.
- ▶ Completed storm drain and culvert replacements, installing 1,885 feet of pipe, on: Kinster Drive, Valleywood Drive, West Lake Terrace, Twig Road, Piedmont Road, Bel Pre Road and Connecticut Avenue.
- ▶ Addressed 387 requests for neighborhood drainage improvements, including repair or replacement of storm drains and outfalls in Cabin John and along Ellsmere Road, Brentford Drive, Cardiff Road, Crown Street, Charred Oak Drive and Mintwood Street.
- ▶ Completed a design for storm drains and outfalls for Stable Lane, Ogden Court and Ashburton Lane.





Piney Meetinghouse Road Bridge over Watts Branch



Replace Culvert on Wildcat Road

DEVELOPMENT REVIEW

MCDOT reviews the transportation elements of projects at the preliminary plan stage, provides the Planning Board with recommendations, reviews traffic design elements and assesses property issues.

- ▶ Reviewed and/or amended 120 preliminary plan submissions, 15 design exceptions, 115 other submissions, 28 traffic impact studies and eight traffic mitigation agreements.
- ▶ Reviewed 66 projects and provided initial comments within two weeks of submission.

PROMOTE SMART GROWTH AND TRANSPORTATION ALTERNATIVES



MCDOT's Mobile Commuter Store

MCDOT supports using smart growth principles to better connect our urban, suburban and rural communities with housing and transportation choices near jobs, shops and schools.

- ▶ Continued construction of the Wheaton Redevelopment project, which is transforming a former parking lot into a County office building, Town Square civic space, underground parking garage and retail space. The project is on schedule to be completed in summer 2020.
- ▶ Began operating a Mobile Commuter Store that sells transit cards and passes and offers a broad variety of transportation information to the public. The 38-foot Winnebago is outfitted as a full-service commuter store.
- ▶ Expanded the Car-Share Program to include 39 vehicles in downtown Silver Spring, Bethesda, Wheaton, North Bethesda and Friendship Heights/Chevy Chase.
- ▶ Participated in a public-private partnership in the Fenton Village Area of Silver Spring to create a residential development with an affordable housing component and a 158-space, underground, public garage on a former County parking lot.

- ▶ Completed eight traffic mitigation agreements for new developments and negotiated provisions for an additional 20 that included promotion of non-auto travel options to residents, employees and visitors.
- ▶ Encouraged employers in the Transportation Management Districts to take advantage of FareShare, a program that provides a short-term County subsidy to match the employer's transit benefits and help them offset their commute benefit program start-up costs.
- ▶ Expanded the County's Capital Bikeshare program:
 - Increased the number of Bikeshare stations to 83.
 - Installed 14 new stations, extending Bikeshare to White Flint/the Pike District and Twinbrook, and adding more stations in Rockville/Shady Grove/Life Sciences Center, Wheaton and Silver Spring.
 - Expanded the size of the well-used bikeshare station at White Flint Metro from 19 docks to 25.
 - With the City of Gaithersburg, explored expansion of bikeshare to the Crown and Rio developments and identified station sites.
 - Negotiated with developers to incorporate Bikeshare stations into plans for future residential and/or commercial developments.
 - Conducted outreach to businesses, apartment complexes and hotels to promote Bikeshare and different types of membership and sponsorship opportunities.
 - Continued the MCLiberty program, which provides free Capital Bikeshare memberships to eligible, low income residents.
- ▶ Within the operating Transportation Management districts, ensured compliance with traffic mitigation plans and requested annual reports from employers.
- ▶ Worked with the advisory committees in all five operating Transportation Management districts to obtain input from business and civic representatives.
- ▶ Led effort to update, expand and streamline processes to reduce traffic impacts through the development of "NextGen Transportation Demand Management" legislation.
- ▶ During SafeTrack's Surge 16 that affected Red Line passengers, assisted Metrorail riders with commuter services and helped improve bus and traffic flow.
- ▶ Encouraged use of Commuter Services' incentives and tools to reduce solo driving by:
 - Adding 301 new employers to the Commuter Services' database.
 - Making 5,243 follow-up contacts to employers.
 - Holding more than 328 meetings with employers.
 - Conducting 207 worksite-based events to promote transit, vanpool and other non-auto alternatives to employees.
 - Making 6,022 contacts at more than 4,000 businesses and organizations.

ENHANCE ENVIRONMENTAL QUALITY



MCDOT's goal is to move people and connect places with a sustainable transportation system that reduces the impact of the County's actions on the environment by keeping pollutants out of waterways, enhancing air quality and energy efficiency and reducing waste.

REDUCE WASTE

- ▶ Used vacuum trucks to collect 109,114 cubic yards of leaves for composting into LeafGro, a fertilizer sold to local retailers.
- ▶ Regularly inspected MCDOT's depots and facilities to ensure their operations meet pollution prevention operating standards and trained employees about ways to reduce hazardous substances, waste or contaminants in their day-to-day activities.
- ▶ Used 65,617 tons of asphalt derived from recycled pavement.
- ▶ Sponsored a Community Service Day bicycle drive that collected 120 bikes and 21 helmets and bike parts that were donated to Rockville Bike Hub, a non-profit organization whose volunteers refurbish the bikes and then donate them to low-income County residents.

REDUCE ENERGY USE AND IMPROVE AIR QUALITY

- ▶ Added 38 compressed natural gas and 25 clean diesel 40-foot Ride On buses to expand the fleet, provide new service and replace the oldest and most polluting vehicles.
- ▶ Improved the health, diversity and expanse of the County's tree canopy of 350,000 street trees by inspecting nearly 43,000 trees; pruning about 3,689 in 39 communities; planting more than 1,700 new ones; removing more than 3,600 dead or diseased trees; and removing about 3,153 tree stumps.
- ▶ Created a new contract for the Countywide conversion of County-owned streetlights to energy saving LEDs.
- ▶ Continued removing diseased ash trees infected by the Emerald Ash Borer to try and staunch the spread of the disease.
- ▶ Installed four more electric vehicle charging stations in garages, bringing the total number of vehicles that can be charged in lots and garages to 32.
- ▶ Cited in Montgomery County's Green Government Report for the department's green initiatives and the progress MCDOT is making in sustainable transportation.
- ▶ Celebrated Earth Month by installing solar-powered lights at 42 Ride On bus shelters.

IMPROVE WATER QUALITY

- ▶ Under a partnership with the Department of Environmental Protection, swept 4,055 lane miles of roads and removed 643 tons of abrasives and debris that would otherwise have been washed into storm drains and waterways. MCDOT also cleaned five miles of pervious pavement to improve the performance of the stormwater filtering system..
- ▶ Collected 321 tons of trash from bus stops, keeping this waste out of storm drains.
- ▶ Managed the Adopt a Road Program, which oversees 274 individual and group volunteers who keep 490 road segments litter free. The volunteers recruited 2,705 others who participated in clean ups that removed 3,399 bags of trash.
- ▶ Unclogged 774 inlet and pipe locations.



- ▶ Continued a traffic adaptive signal pilot project on Montrose Parkway to test systems that automatically adjust traffic signal timing based on traffic conditions.
- ▶ In a partnership with the Institute for Public Health Innovation, developed online walking route maps for 10 schools that show parents and students the best walking routes to school.
- ▶ Continued participating in nationwide efforts to plan pilot projects that will test autonomous and connected vehicles.
- ▶ Installed real time passenger information at 50 bus shelters.



Bus Shelter Realtime Transit Screen



Ride On extRa Bus Stop

REACHING OUT TO OUR DIVERSE COMMUNITY



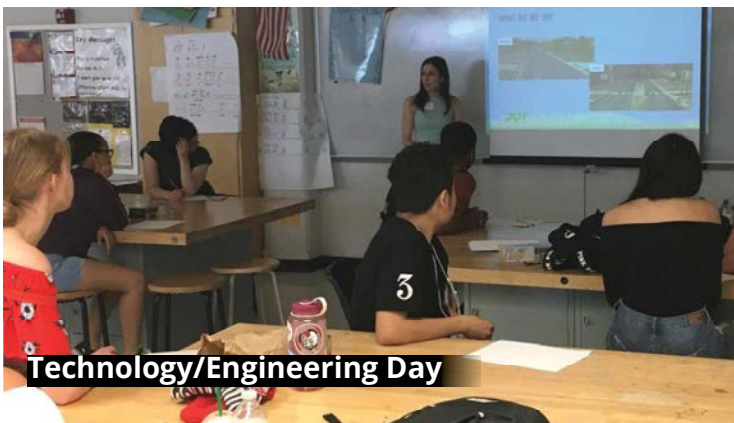
GreenFest 2018

The public is MCDOT's partner in creating a 21st century transportation system. MCDOT is committed to keeping our customers connected, informed and engaged.

- ▶ Upgraded Ride On extRa's in-bus monitors to provide information in both English and Spanish.
- ▶ Reached about 4,000 employers, community leaders, civic associations and other organizations with the monthly Better Ways to Work e-newsletter that provides transportation updates and encourages use of alternatives to solo driving.
- ▶ Continued providing the latest transportation information to the public through the biweekly Go Montgomery! e-newsletter that reaches 12,000 subscribers.
- ▶ In conjunction with the Washington Area Bicyclist Association, sponsored several bike safety training classes to help Bikeshare users and personal bike riders feel more confident in urban settings.
- ▶ Joined a Coalition for Smarter Growth-led walking tour of White Flint to explore the strides the area is making in enhancing livability and walkability and review MCDOT's contribution through recently installed pedestrian and traffic safety improvements.

- ▶ After MCDOT received a letter from a third-grade class at Stone Mill Elementary School in North Potomac, MCDOT Director Al Roshdiah and Deputy Director Chris Conklin visited the students to discuss the pedestrian and bicyclist safety improvements MCDOT made in response to their requests.
- ▶ Supported 20 community “Truck Day” events for adults and kids that featured vehicles used to provide roadway-related services, such as snow plows, salt brine trucks, leaf vacuum trucks, excavators, backhoes, storm drain vacuum trucks, tree trimmer bucket trucks and others.
- ▶ Co-hosted a community meeting to discuss bicycling issues in and around Bethesda, including alternate routes to the Georgetown Branch Trail and the latest plans for a low-stress bicycle infrastructure.

- ▶ Increased Bike to School Day participation by 50 percent compared to 2017. The event celebrates the benefits of walking and biking and promotes traffic safety and community quality of life.
- ▶ Partnered with the County's Department of Environmental Protection to sponsor a Storm Drain Art Contest to solicit designs that were painted on storm drains in Wheaton. The effort uses art to educate the public about the connection between water quality, storm drains, streams and the Chesapeake Bay.
- ▶ Participated in Technology/Engineering Day at Northwood High School to promote STEM careers. Four staff members, including three women engineers, made presentations about their work to plan, design and construct a wide range of County transportation projects.





Walk to School Day



Thanksgiving Day Parade



Bike to Work Day



"Zeal" the Zebra



Car Free Day



Ride On's Customer Appreciation Day



Invent the Future Contest Winners

- ▶ Held the 32nd annual Give and Ride program that helped collect more than 5,000 pounds of food or baby supplies to feed 11,000 hungry families and provide weekend food to 2,800 needy, elementary school students. Ride On offers a free ride in exchange for a donation.
- ▶ Collaborated with Montgomery County Public Schools during Teen Pedestrian Safety Week to launch a “Stay Alert, Stay Alive” Awareness and Enforcement Campaign designed to reduce collisions resulting from distracted driving and walking.
- ▶ Conducted pedestrian safety education to train school staff on holding bike rodeos and crosswalk simulations, assemblies and other activities. Reached more than 2,400 students with 13 bike rodeos and 17 crosswalk training simulations; and significantly expanded education efforts targeting middle and high school students.
- ▶ Held an online “Don’t Be Distracted” Creative Contest that helped name MCDOT’s pedestrian safety zebra mascot, who is now known as Zeal.
- ▶ Held the annual Walk & Ride Challenge in the County’s Transportation Management districts to promote walking and transit use among employees. The employees took nearly 85 million steps during the three-week contest. Participants included 120 teams with about 570 members representing more than 66 individual employers.
- ▶ Mailed 77,000 newsletters to residents about more than 100 road maintenance projects.
- ▶ Celebrated “Walk to School Day” at Ronald McNair Elementary School in Germantown. MCDOT’s ‘crosswalk zebra’ helped educate kids on the best ways to walk and bike safely.
- ▶ Featured BRT and the Mobile Commuter Store in the Silver Spring Thanksgiving Day Parade to promote its availability and the services it offers.
- ▶ Celebrated Car Free Day by conducting outreach at Metrorail stations, other transit centers and bus stops to encourage use of transportation options other than single occupancy vehicles.
- ▶ Hosted six County pit stops for the regionwide Bike to Work Day celebration, which broke attendance records as one of the nation’s largest events.
- ▶ Celebrated Bike to College Day by conducting events at all three Montgomery College campuses. The event is designed to promote the use of bikes and bikeshare to access campuses and connect with transit options.
- ▶ Participated in Montgomery County’s fourth annual GreenFest to inform thousands of attendees about MCDOT’s commitment to creating a sustainable transportation system through its green initiatives, including plans for a Bus Rapid Transit system, expanded Ride On service, Bikeshare and bike trails, pedestrian safety, commuter services, electric vehicle charging stations in parking garages, street sweeping, leaf collection and more.
- ▶ Assisted four middle school students in winning “Audience Favorite” and “Best Design Process” in a KID Museum Invent the Future Contest where participants identify an environmental problem and solve it. The students invented a filter to prevent road salt from entering residential storm drains and created a prototype. They visited one of MCDOT’s salt storage domes to obtain road salt samples so they could test their invention.

FY18 BY THE NUMBERS



BIKES AND PEDESTRIANS

Crosswalks painted	566
Stopbars painted	529
Crosswalks maintained	4,800
Students served by bike rodeos	2,400
Intersections upgraded with Accessible Pedestrian Signals	9
Number of schools where comprehensive pedestrian and traffic safety evaluations and improvements were made	24
Number of Bikeshare stations	83
Miles of sidewalks rebuilt or repaired	31.7
Miles of new sidewalk constructed	5.5

BRIDGES AND STORM DRAINS

Bridge renovations completed	27
Number of bridges rehabilitated	3
Scour-prone bridges inspected	42
Bridges and box culverts maintained	519
Long-span bridges inspected	120
Short-span bridges inspected	100

PARKING

Parking spaces designated for car sharing services in Bethesda, Silver Spring and Wheaton parking garages	39
Electric vehicles that can be charged in County garages	32
Projected savings as a result of installing LED lights in garages/lots	\$300,000

LEAVES AND TREES

Cubic yards of leaves collected and composted	109,114
Number of households receiving vacuum leaf collection	120,000
Trees inspected	Nearly 43,000
Total number of foliage work orders	400
Trees pruned	3,689 in 39 Communities
Dead or diseased trees removed	More than 3,600
Trees planted	1,700
Tree stumps removed	3,153
Street trees maintained	About 350,000



ROAD MAINTENANCE

Number of Storm Operations Center activations	14
Lane miles of County-maintained pavement rated by the Pavement Condition Assessment Survey	5,209
Potholes filled	5,000
Lane miles of roads resurfaced or repaired	178
Tons of recycled asphalt used	56,000
Miles of curb rebuilt or repaired	22
Lane miles of roads swept	4,055
Tons of debris kept out of waterways through annual street sweeping program	643
Lane miles of roads rehabilitated	14
Number of communities receiving drainage assistance	387
Road segments maintained by Adopt A Road volunteers	490
Acres of right-of-way mowed	900
Direct mail notifications about resurfacing and road projects	77,000
Linear feet of storm drain culverts replaced	11,655
Number of storm drain inlets cleaned	774
People reached by Highway Services on Twitter	Since 2014, surpassed 7 million
Right-of-way and infrastructure repair service requests completed	35,973





COMMUTER SERVICES

New employers added to the Commuter Services database	301
Commuter Services meetings and presentations made to employers	328
Individual follow-up contacts to employers already in the Commuter Services database	5,243
Number of contacts to employers made by Commuter Services	6,022
New employers using transportation control measures to promote alternatives to driving alone	49
Number of traffic mitigation agreements completed for 1.48 million square feet of commercial development and 1,200 multi-family residential units.	8

STREETLIGHT IMPROVEMENTS

Streetlights maintained	28,800
New streetlights installed	744
New streetlight lamps installed	9,750
Streetlights replaced	519
Streetlight poles painted	320
Streetlight outages repaired within an average of seven days	7,650
LED lights installed or upgraded in central business districts and Town Centers, including White Flint, Glenmont Trail, Metropolitan Branch Trail, Bethesda Trolley Trail and Bethesda	161
Design completed	154
Lights approved through 62 plan reviews	397

TRANSIT

Number of bus stops improved by MCDOT's Bus Stop Improvement Plan	4,800
ADA ramps installed	409
Pounds of food collected during Give and Ride campaign	More than 5,000
Total number of annual Ride On trips	21.6 million
Call-n-Ride trips provided	122,102
Medicaid trips provided	75,266
People served by Connect-A-Ride	3,896
Number of Ride On buses	375
Number of Ride On bus routes	75
Number of Ride On daily boardings	71,000
Percentage of Ride On buses that are "clean" or "green"	100
Feet of sidewalk installed to complete paths to bus stops	470
Square feet of concrete pads installed at bus stops	1,652
Tons of trash removed from bus shelters and transit centers	321



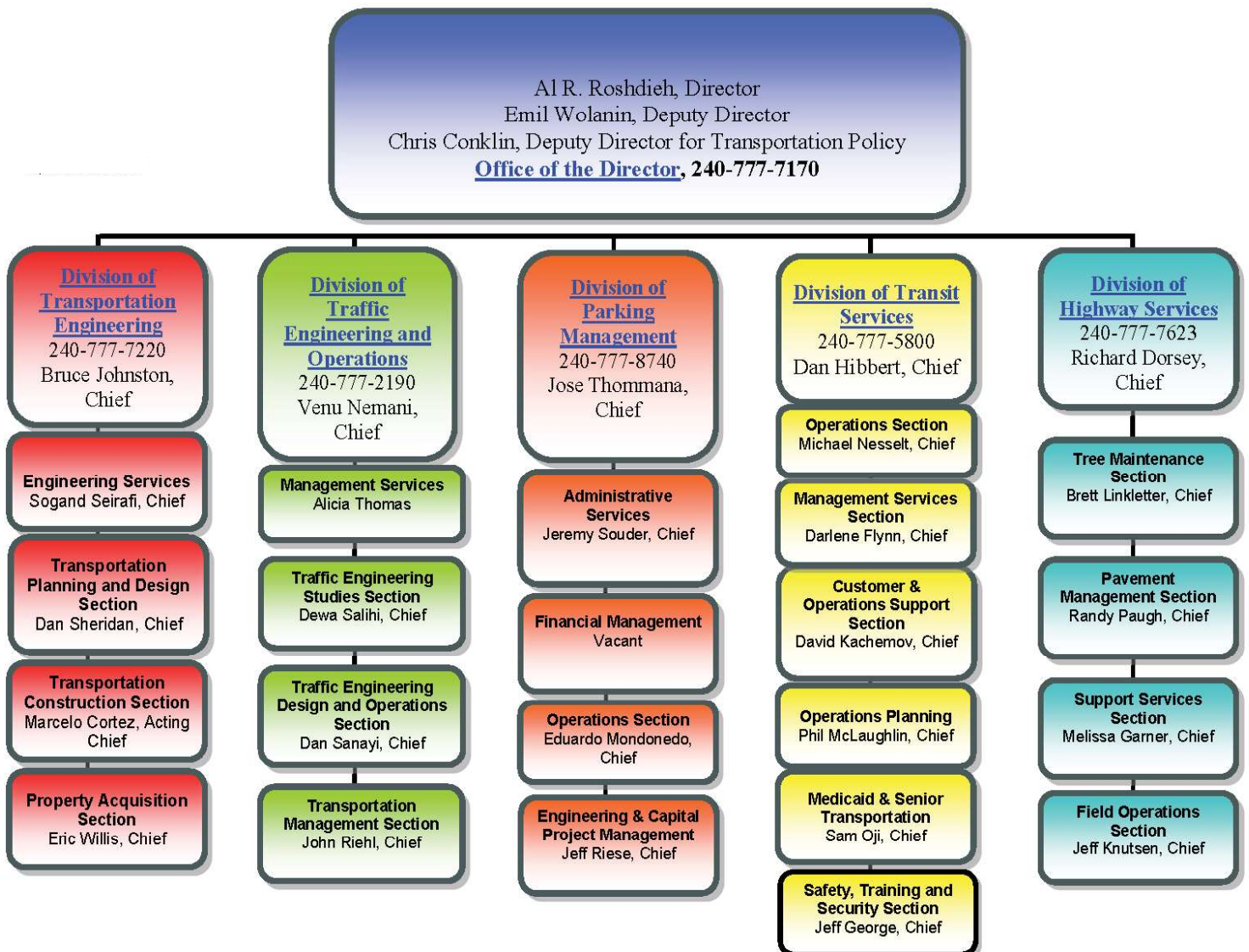
TRAFFIC IMPROVEMENTS

Service requests from 311 addressed	2,059
Traffic light outages processed and fixed	1,021
Traffic signs fabricated and installed	10,740
Traffic emergencies managed	8,620
Traffic signal modules replaced with LEDs	650
Events or incidents for which traffic control was provided	40
Speed humps marked	72
Guardrail end treatments installed	35
Feet of guardrail installed	1,283
Signals for which timing was reviewed to improve traffic flow and reduce congestion	110
Intersection and spot improvements studied	8
Intersection and spot improvements designed	4
Intersection and spot improvements constructed	4
New traffic signals constructed	4
Traffic signals rebuilt or modified to meet ADA Standards	13
Miles of long line pavement markings painted	1,112
Crosswalk markings repainted	566
Stop lines installed	529
Traffic work orders prepared and approved	3,398
Traffic studies completed	461
Traffic work orders completed	1,333
Work zone traffic control plans reviewed and approved	435
Number of intersections where traffic signal lights were converted to LED	45
Permits reviewed and approved for special events that required temporary traffic controls and impact management	120
Block party permits reviewed and approved	218

WHO WE ARE

The Montgomery County Department of Transportation (MCDOT) is committed to delivering the first-rate, multimodal transportation system that Montgomery County needs. We strive to create a well-functioning, balanced transportation system that uses our roads more efficiently and supports walking, bicycling and transit use. We build and maintain the transportation infrastructure; reduce traffic congestion; increase mobility; improve pedestrian, bicyclist and vehicle safety; provide transit and alternative transportation services; and promote access to our central business districts. None of this could be accomplished without the commitment and talent of our 1,350 outstanding employees who provide our community with the very best transportation network possible.

MONTGOMERY COUNTY DEPARTMENT OF TRANSPORTATION (MCDOT)





MCDOT'S ORGANIZATION

The Director's Office manages transportation policy by coordinating with regional and state transportation systems, agencies and developers on land use and development proposals, traffic mitigation agreements, master and sector plans, and regional transportation priorities; plans and constructs a Bus Rapid Transit system; oversees the County's Bikeshare program; and manages commuter services, taxicab regulation and community outreach programs.

The Division of Highway Services maintains and repairs the County's transportation infrastructure. It rebuilds and repairs roadways, sidewalks, curbs and gutters; cleans and rebuilds storm drains and culverts; maintains and plants trees; removes snow from roadways and sidewalks; provides vacuum collection of leaves; and cares for right-of-ways by removing litter and mowing.

The Division of Parking Management helps Montgomery County achieve its economic development and transportation management goals by creating and managing public parking in commercial areas and creatively repurposing parking properties.

The Division of Traffic Engineering manages the County's road network to enhance safety for all users. It ensures safe and efficient traffic flow; provides crosswalks and roadway markings; installs and maintains traffic signs, streetlights and traffic signals; and improves pedestrian and traffic safety using traffic calming and other measures.

The Division of Transit Services operates the County's Ride On bus system; improves bus stops to meet accessibility standards; maintains bus stops; and manages transportation services for seniors, persons with disabilities and low income residents.

The Division of Transportation Engineering designs and constructs transportation systems and infrastructure, including bikeways, sidewalks, transit facilities, ADA ramps, roads and storm drains; inspects, maintains and builds bridges; and acquires property for projects.



MCDOT

Montgomery County Department of Transportation

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