



MONTGOMERY COUNTY, MARYLAND
DEPARTMENT OF TRANSPORTATION

2011 ANNUAL REPORT

This report highlights the achievements of the Department of Transportation in Fiscal Year 2010 (July 1, 2009 to June 30, 2010). It also outlines some key directions of the department's divisions in the next fiscal year and beyond.



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RECOGNITION

“2009 Top Storm Water Management Project” from Water Quality Solutions magazine – to the Division of Transportation Engineering for its Montrose Parkway West project. Regulatory agencies required the capture and treatment of 90 percent of the annual runoff volume from impervious surfaces for a one-inch-design storm. The Montrose Parkway West project, completed in May 2009, was complicated by limited surface space within the Montrose Road right-of-way, and the need to avoid impact to the wetlands adjacent to Old Farm Creek. The installation of four large precast structural sand filters within the Montrose Road median was constrained by the need to maintain both the traffic (averaging 55,000 vehicles a day) and the enclosed storm drainage system during the widening of the roadway. Stream impacts were reduced and mitigated by replacing existing culverts that conveyed Old Farm Creek under Montrose Road with a bridge, installing a precast 16 by 9 foot culvert

for an Old Farm Creek tributary crossing, stabilizing 1,200 linear feet of Booze Creek, and creating 9,000 square feet of forested wetlands on site. Other measures to reduce the runoff volume included narrowing the travel lane widths from 12 to 11 feet.

“Employer Services Sales Team Achievement Award” from the Metropolitan Washington Council of Governments – to the Division of Transit Services for its outstanding efforts in committing 100 companies within Montgomery County to implement or maintain significant commute programs. Transit’s Commuter Services Section also operates the TRiPS commuter store in Silver Spring and Friendship Heights.

“Regional Sales Award” from the Metropolitan Washington Council of Governments – to the Division of Transit Services for its efforts in committing companies within Montgomery County to implement or maintain significant commute programs.

Governor’s 2010 Smart, Green and Growing Award – Governor Martin O’Malley announced Montgomery County’s Transportation Management Program has been awarded the Governor’s 2010 Smart, Green and Growing Award for aggressively encouraging transportation choice. The award praised the County’s Commuter Services’ efforts and its provision of supplemental local funding for Ride On and ridesharing. The program provides residents a number of ways to get to work, including transit, carpooling, bicycling and short-term car rentals at Metro stations.



- Residential street resurfacing – The Division resurfaced 154 miles of the following residential streets or subdivisions at a total cost of \$14,154,000. Belvedere subdivision, Bethesda Church Road, Brushwood Terrace/Way, Calverton, Cinnamon Drive, Clarksburg Road, Dav Rd, Wood Road, East Village Avenue, Eldwick Way, Fairland Acres, Glenview subdivision, Goshen Hunt, Highlands subdivision, Indian Springs subdivision, Kemp Mill subdivision, Lake Churchill subdivision, Liberty Heights subdivision, Maplewood subdivision, Olney Mill subdivision, Potomac Riding Lane, Regency Estates subdivision, Rosemont subdivision, Sherwood Forest subdivision, Tea Rose Drive, Walnut Hill subdivision, Waring Station subdivision, West Old Baltimore Road, and Wildwood Hills subdivision.
- Residential road and sidewalk rehabilitation – The Division rehabilitated 8 miles of the following residential streets at a total cost of \$1,470,000. Bay Tree Lane, Bent Branch Road, Buttonwood Lane, Dahlonge Road, Glen Echo

community – Phase II, Mohican Place, Mohican Road, Onondaga Road, Rivercrest Court, Scioto Road, Tulip Hill Terrace, Virginia View Court, and Wiscasset Road.

- Neighborhood slurry sealing – The Division slurried 343 miles of the following neighborhoods at a total cost of \$24,966,000. Ashton Manor, Avenel/Mazza Woods, Kings Bridge, Manor Oaks--Phase I, II & III, Prathertown, Rollingwood, and Teaneck.
- Tar and Chip treatments – The Division conducted tar and chip resurfacing on 26 miles of the following neighborhood streets or rural roads at a total cost of \$190,000. Bryants Nursery Road, Cattail Road, Haviland Mill Road, Holesey Road, Johnson Drive, Kingsvalley Road, Mountain View Road, Peach Tree Road, and Prices Distillery Road.

Community Outreach –

The Division sent newsletters to residents affected by its resurfacing program. The newsletters describe scope, timing, and characteristics of the work and provide County staff contacts.

Street Sweeping – This program includes additional funding from the Department of Environmental Protection for sweeping roads situated in critical watersheds. The Division completed more than two-thirds of the sweeping county-wide by the close of FY10 and had already collected more than 325 tons of road debris on non-critical areas and 792 tons from roads in critical watersheds.

Tree Pruning – The Division removed 1800 trees plus another 500 trees requiring PEPCO assistance due to involvement with power lines; pruned 3400 trees; removed 900 stumps; and completed inspections at 5100 locations.

Refresh Montgomery and other litter pick-up – The Division undertook a proactive litter campaign to clean-up the county right-of ways following the winter season. This eight-week program collected 32 tons of debris and 3,354 bags of litter on 374 lane miles in FY10. It also supported the Adopt A Road volunteer program with its 2500+ volunteers who cleaned more than 260 road segments.

DIVISION OF TRANSPORTATION ENGINEERING

Bruce Johnston, Chief

Transportation Projects Completed – The Division's commitment to a balanced transportation program resulted in a series of projects being completed in FY10. These included the following major improvements to the county's transportation infrastructure.

- Citadel Avenue Extension (650 feet; \$5.4 Million)
- East Deer Park Bridge over CSX – Emergency Bent Repair (\$500,000)
- Father Hurley Boulevard Extension (5800 feet; \$21.5 Million)
- Nicholson Lane Bridge (\$3.7 Million)



New TRiPS Commuter Store in Friendship Heights Opens

– This store joins the existing commuter store in downtown Silver Spring.

Employer Recognition Events

– A series of employer recognition events was held in each of the Transportation Management Districts (TMDs) and the Commuter Services Section service areas throughout the county. The events were called the “Transportation A²CE Awards,” for Advocates for Alternative Commuting Excellence. They recognized businesses with outstanding programs to promote alternative commuting. These events also served as client appreciation functions for the employer representatives invited and as marketing outreach events. They were a substitute for the larger-scale Transportation Awards Ceremony that has been held in the past. Awards were presented to a total of

19 businesses in the following service areas: Friendship Heights TMD (3), Silver Spring TMD/Eastern County (5), Bethesda TMD (3), North Bethesda TMD (4), and the Rockville/Western County service area (4).

expanded for 2010-2011. The approach involves applying liquid deicer to road surfaces before storms. The treatment reduces the amount of salt needed to be applied. Potential benefits include increased traffic safety at lower cost and better snow plowing performance.

DIRECTIONS

The divisions have numerous initiatives, programs, or projects they plan to introduce in Fisca1 Year 2011 and beyond. Implementation of these programs or services will be contingent upon available resources, which currently are severely constrained. Some will be tested and evaluated prior to full scale implementation.

New Snow Plowing Map – To provide better information to residents during a snow storm MCDOT, in partnership with the Department of Technology Services, will upgrade its existing website map. [Editor’s note: this new map was launched by the County Executive in mid-December, 2010 and is now available for resident access at montgomerycountymd.gov/snow.] The new map, using a web-based platform, will have the following features.

DIVISION OF HIGHWAY SERVICES

Keith Compton, Chief

Snow Clearance – The number of snow plow routes will be expanded to enhance effectiveness in managing plowing.

Roadway Pretreatment with Salt Brine – The Division began a 2009-2010 pilot program, with initial results proving to be favorable. The pilot will be

- Map users will be able to better track plowing progress along MCDOT-maintained roads. County roads are categorized as Emergency Plow Routes (first priority), Primary Neighborhood Plow Routes (second priority), and Neighborhood Plow Routes (third priority). Residents will be able to monitor plowing progress throughout the county on each type of MCDOT-maintained road, seeing the status as “Not Started,” “In Progress,” or “Completed.” The map will also provide road closure information.
- Map users will be able to access all traffic camera feeds via icons on the map, providing real-time road conditions throughout the County. This is particularly beneficial to obtain road conditions on roads MCDOT is not responsible for maintaining, such as State roads and highways.
- Map users will be able see the locations of bus stops and Metro stations throughout the county for residents who wish to access public transportation.



MCDOT Storm Operations



To View Online Interactive Map Click Here

Sidewalk Inventory – The Division will explore ways to undertake a systematic inventory of the transportation network and the county’s activity centers in order to ascertain gaps in the sidewalk network and other needed improvements to the existing pedestrian and biking infrastructure.

Annual Bikeway Program
– The Division plans to install bikeway signage on 10 additional routes in FY11.

DIVISION OF PARKING MANAGEMENT

Steve Nash, Chief

“Pay-by-Cell Phone” Technology to be Extended – This program allows a patron to pay for their expected parking usage by cell phone. For the customer’s convenience a simple call can also extend or contract the time paid as long as it is within the allowable timeframe for the meter or space. In FY11, the Division will be expanding this customer option countywide. Areas tested in the pilot will continue to have the option during the expansion of the service.

Testing of Occupancy Information Systems for Parking Garages – A vehicle counting system will be tested to validate system accuracy, installation costs, and compatibility with the operations of a County garage. If the test is successful, the public will have reliable information on the availability of empty spaces in any garage equipped with the system.

On-line Parking Permit Renewal – The Division will explore the development of a secure, on-line system to renew residential and monthly parking permits. This would provide another renewal option in addition to renewing by mail or in-person at sales stores.

Revised Parking Supply Requirements and Updated Parking Management Principles – MCDOT and the Maryland-National Park and Planning Commission will be joint sponsors of an in-depth parking management study. Study recommendations will help set the direction for the supply and management of public parking over the next generation. It will also provide a basis to make revisions to the County Code with regard to parking policy.

DIVISION OF TRAFFIC ENGINEERING AND OPERATIONS

Emil Wolanin, Chief

Modernization of the Traffic Signal System – After experiencing a major system failure in FY09, the Division accelerated this ongoing project to ensure faster implementation. As a result, all intersections are planned to be running on the new system by the end of FY12 (June 2012) – a two year acceleration in the original modernization project.

Stimulus Funding Projects
– Using federal funds administered through the State, the Division will upgrade substandard guardrail end treatments, upgrade traffic warning signs, install street lighting on Woodfield Road/MD 124, and install 40 additional uninterrupted power source units at MCDOT-owned intersections.

Improve Pedestrian Safety in High Incidence Areas – The Division will continue to work with the State to expedite the construction of significant traffic and pedestrian safety improvements in high incidence areas that involve State roads. The Division will partner with other agencies and developers to leverage needed safety improvements with planned development and capital projects.

Forest Glen Road Railroad Crossing Quiet Zone – The Division submitted an application to the Federal Railroad Administration (FRA) in the spring of 2010 for approval of the “Alternate Safety Measures” that were installed in 2009. The FRA is expected issue its decision after a 60 day public comment period. If FRA approves, the Notice of Establishment to implement the Quiet Zone will be issued, probably in the fall of 2010. [Editor’s note: the quiet zone did go into effect in this timeframe.]



THE MCDOT ORGANIZATION

When County Executive Isiah Leggett was elected in November, 2007, he announced a series of principles that would characterize his administration. He vowed to pursue the common good by working for and with Montgomery County's diverse community members to provide an effective and efficient transportation network, among other goals. Soon after taking office he began reviewing various departments in the Executive Branch.

The reorganization of the then Department of Public Works and Transportation was subsequently announced. MCDOT now focuses on moving people and vehicles within a balanced, coordinated, and safe network of transit, roads, bikeways, and pedestrian facilities. Below are the divisions and sections within each that make up the department.

DIRECTOR'S OFFICE

Transportation Policy
 Metro and MARC Liaison
 State Highway Liaison
 Sustainability Coordination
 Community Outreach (**Outreach Programs: 240.777.7155**)

DIVISION OF HIGHWAY SERVICES (Customer Service: 311)

Pavement Management
 Field Operations
 Tree Maintenance
 Support Services

DIVISION OF PARKING MANAGEMENT (Customer Service: 311)

Engineering & Maintenance
 Financial Management
 Operations
 Management Services & Property Development

DIVISION OF TRAFFIC ENGINEERING & OPERATIONS (Customer Service: 311)

Traffic Engineering Design & Operations
 Traffic Engineering Studies
 Transportation Management
 Management Services

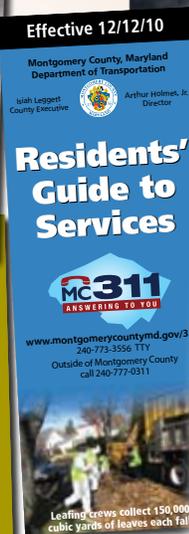
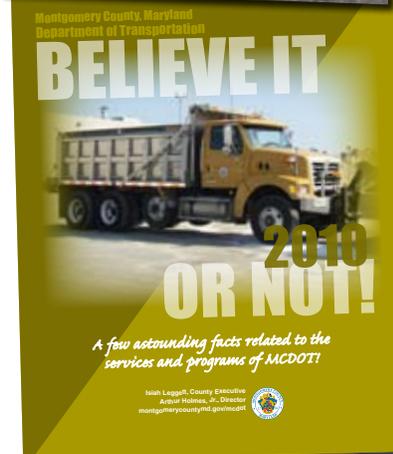
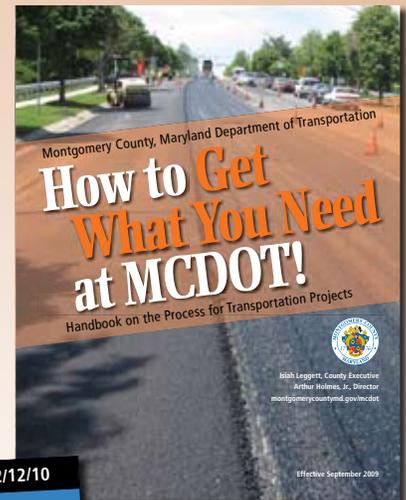
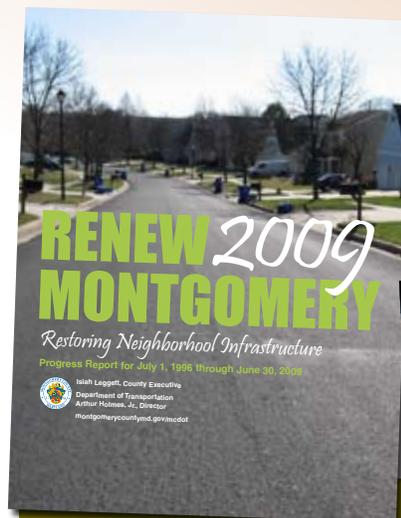
DIVISION OF TRANSIT SERVICES (Transit Information: 311)

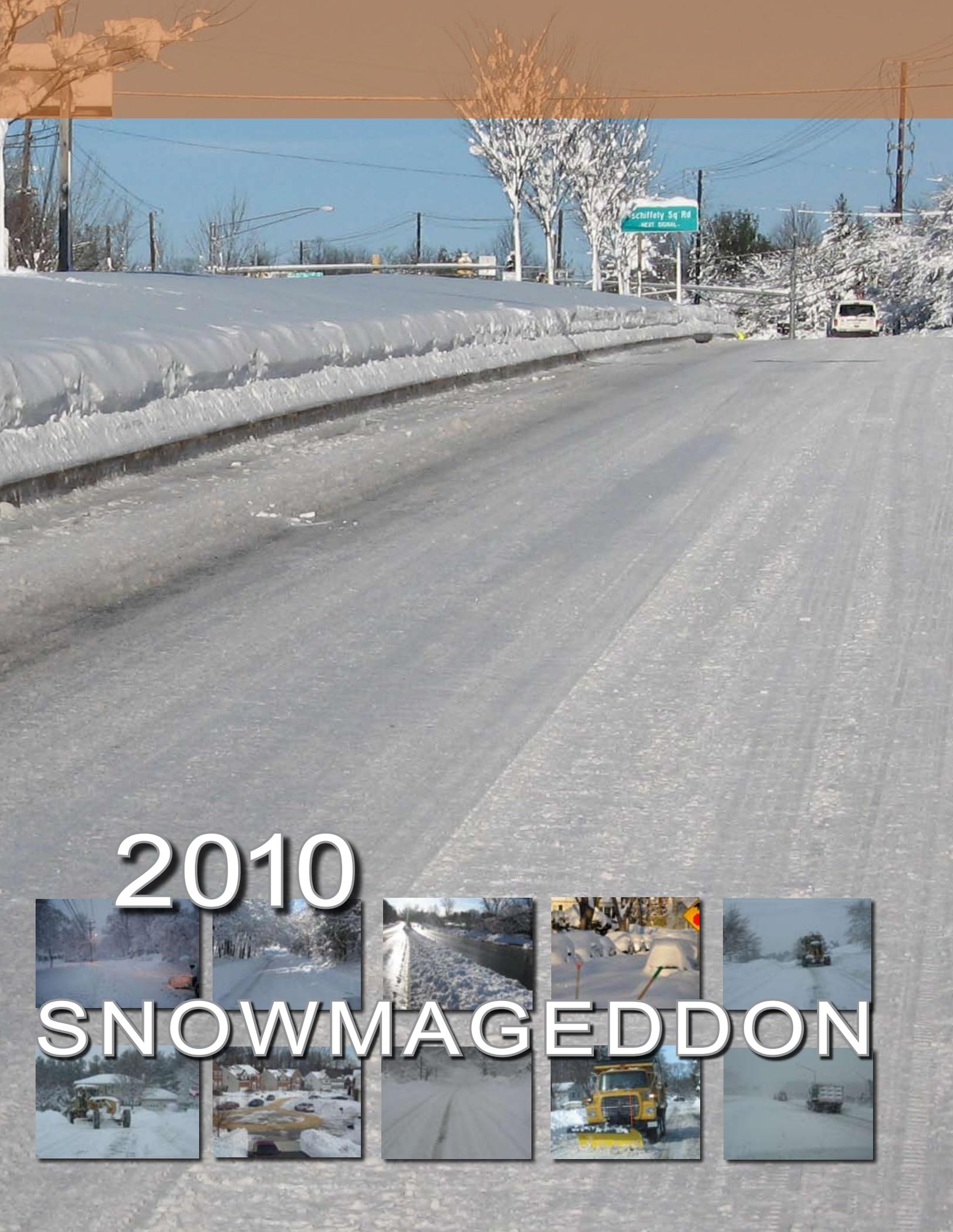
Operations
 Customer & Operations Support
 Operations Planning
 Commuter Services
 Medicaid & Senior Transportation
 Management Services

DIVISION OF TRANSPORTATION ENGINEERING

Transportation Planning & Design
 Transportation Construction
 Property Acquisition
 Engineering Services

For detailed contact information, visit the department's website at montgomerycountymd.gov/mcdot. Contact the Community Outreach office at 240.777.7155 to request a copy of the "Residents' Guide to Services" brochure. Community Outreach also publishes a listing of resident/business advisory committees, a fact sheet on the department, a progress report on the Renew Montgomery program, and a handbook on the procedures used by the County to implement capital projects from concept to construction. This booklet is entitled "How to Get What You Need at MCDOT."





Schiffely Sq Rd
NEXT SIGNAL

2010



SNOWMAGEDDON

MCDOT's Website: montgomerycountymd.gov/mcdot

MCDOT's Customer Service Center: 311

MCDOT's Transit Information Center: 311

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www.montgomerycountymd.gov/311

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