

REVIEW OF THE COUNTY EXECUTIVE'S FY24 CAPITAL BUDGET AND AMENDMENTS TO THE FY23-28 CAPITAL IMPROVEMENTS PROGRAM



Description

Planning staff annually reviews the County Executive's Recommended Capital Budget and transportation Capital Improvements Program and prepares recommendations for Planning Board consideration. Approved Planning Board comments are then transmitted to the County Council.

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Montgomery County
Planning Board
2425 Reedie Drive
Floor 14
Wheaton, MD 20902

SA	Stephen Aldrich, PE, Planner IV, Countywide Planning & Policy Division, Stephen.Aldrich@MontgomeryPlanning.org , (301) 495-4528
ZJD	Zach Dreyer, Planner Associate, Countywide Planning & Policy Division, Zach.Dreyer@MontgomeryPlanning.org , (301) 495-1311
DA	David Anspacher, Transportation Planning Supervisor, Countywide Planning & Policy Division, David.Anspacher@MontgomeryPlanning.org , (301) 495-2191
JS	Jason Sartori, Chief, Countywide Planning & Policy Division, Jason.Sartori@MontgomeryPlanning.org , (301) 495-2172

SUMMARY

- Transportation funding in the County Executive’s Recommended FY24 Capital Budget and Amendments to the 6-year CIP shows a \$89 million reduction compared to the Approved FY23-28 CIP. This reduction is largely due to significant budget increases for Montgomery County Public Schools and other non-transportation projects and a corresponding reduction in transportation funding within the CIP.
- The project most impacted by the reduction in transportation funding is the Capital Crescent Trail tunnel, which would replace the underpass that existed beneath Wisconsin Ave (MD 355) until 2017 when Purple Line construction began. With the proposed schedule in this Recommended Capital Budget, the tunnel would not meet opening day estimates for the Purple Line (FY27).
- The advancement of two major Bus Rapid Transit projects for MD 355 Central and Veirs Mill Road continue to be major project priorities in this Recommended Capital Budget for transportation.

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RECOMMENDATIONS SUMMARY

- **Capital Crescent Trail (P501316):** It is critical that this project be completed to coincide with the completion of the Purple Line (now scheduled for FY27). The proposed delay in this project's schedule beyond FY28 is unacceptable. Given the uncertainty of state aid, Planning staff recommends that budget adjustments to other lower-priority projects be made to fully fund this project to ensure that it will be constructed by FY27.
- **Aspen Hill Bicycle-Pedestrian Priority Area project:** Fund a new project to implement the safety recommendations in the Aspen Hill Vision Zero Study.
- **Systemic Safety Countermeasure Program:** Initiate a funding program focused on systemic improvements that address crash risks identified in the Predictive Safety Analysis.
- **Bike Racks:** Create a new program to upgrade deficient bike racks at all public libraries and recreation centers over the next two years and expand and upgrade bicycle parking availability at all public schools over a ten-year period.

INTRODUCTION

The County Executive published his Recommended FY24 Capital Budget and Amendments to the FY23-28 Capital Improvements Program (CIP) on January 17, 2023. The memo from the County Executive detailing the recommended budget changes is located at:
<https://www.montgomerycountymd.gov/OMB/Resources/Files/omb/pdfs/fy24/ciprec/CEMemo.pdf>.

The recommended budget may be found at:
https://www.montgomerycountymd.gov/OMB/Resources/Files/omb/pdfs/fy24/ciprec/FY24_Recommended_Capital_Budget.pdf.

This staff report analyzes the recommended budget for transportation projects. It notes projects that have significant changes in budget or in schedule, including projects that are important to the fulfillment of adopted master plans. A summary of the recommended changes to project expenditures is provided in Attachment A to this report.

The Planning Board is asked to review staff comments on the capital budget and CIP and transmit them to the County Council. Staff recommendations are provided in detail on pages 14 and 15.

SUMMARY OF THE COUNTY EXECUTIVE'S RECOMMENDED CIP AMENDMENTS

In the spring of even-numbered calendar years, the County Council adopts a 6-year Capital Improvements Program (CIP). In the spring of odd-numbered years, the Council considers amendments to the adopted CIP. The current CIP runs from FY2023 through FY2028.

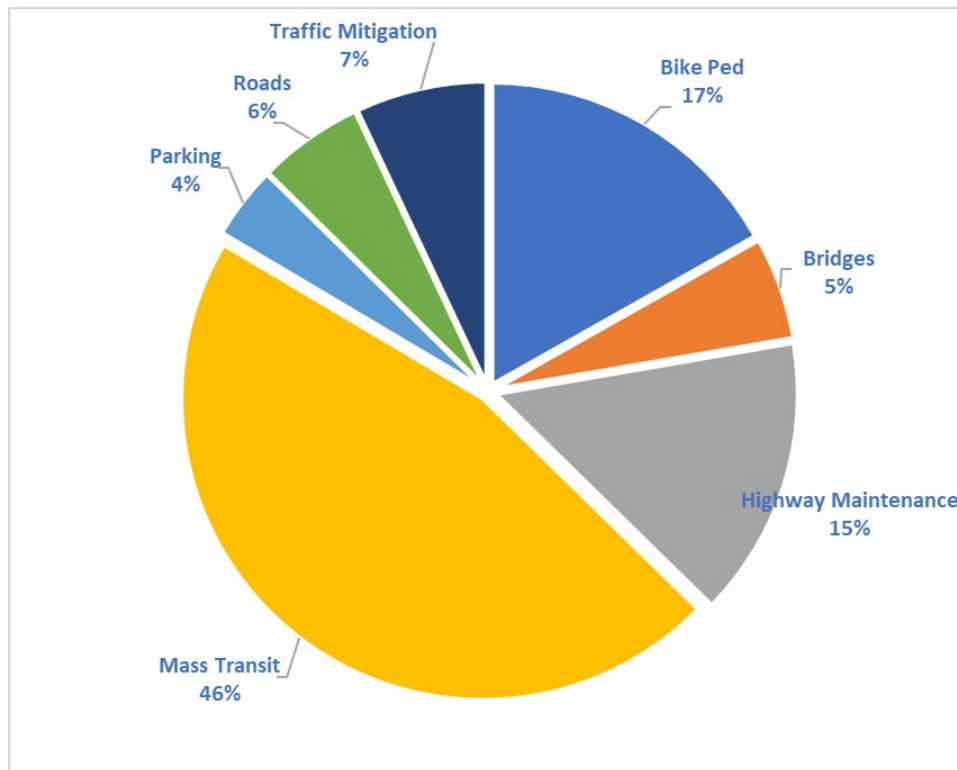
On January 17, 2023, County Executive Marc Elrich released his recommended amendments to the FY23-28 CIP for the County Council's consideration. As shown below in Table 1, the recommended amended FY23-28 CIP funding totals \$5.4 billion, with 28.7 percent (approximately \$1.5 billion) allocated for transportation projects. However, transportation is the only category with a proposed reduction compared to the approved CIP, which is uncommon.

Table 1: Recommended FY23-28 CIP Funding Summary by Agency (\$000s)

Agency/Category	Recommended FY23-28	Adopted FY23-28	Increase /Decrease	Percent Change
Montgomery County Public Schools	\$1,874,811	\$1,770,801	\$104,010	5.9%
Montgomery College	\$345,299	\$335,815	\$9,484	2.8%
M-NCPPC	\$282,679	\$274,747	\$7,932	2.9%
Transportation	\$1,549,337	\$1,638,375	(\$89,028)	-5.4%
County Government – Non-Transportation	\$1,323,190	\$1,220,934	\$102,256	8.4%
Revenue Authority	\$17,334	\$17,334	\$0	0.0%
Housing Opportunities Commission	\$10,225	\$8,205	\$2,020	24.6%
Total	\$5,402,875	\$5,266,211	\$136,664	2.6%

A summary of the transportation CIP by improvement category is shown below in Figure 1. In the recommended funding in the six-year CIP, Mass Transit has the highest share of the transportation budget (46 percent), followed by Pedestrian Facilities/Bikeways (17 percent), and Highway Maintenance (15 percent).

Figure 1: Recommended FY23-28 Transportation CIP Budget Breakdown



MAJOR CHANGES IN THE COUNTY EXECUTIVE'S RECOMMENDED TRANSPORTATION CIP AMENDMENTS

The County Executive has recommended amendments to the FY23-28 CIP with transportation project funding that is \$89.0 million less than the adopted CIP (5.4 percent reduction). Table 2 below highlights these changes in funding by project category. This includes slight increases in funding for Bridges, Mass Transit (MCG), Parking, and Traffic Improvement projects. In contrast there was a 22 to 23 percent decrease in funding for Pedestrian Facilities/Bikeways and Roads, and a one percent decrease in funding for Highway Maintenance.

Table 2: Recommended FY23-28 Transportation CIP Budget Summary (\$000s)

Improvement Category	Recommended FY23-28	Adopted FY23-28	Increase /Decrease	Percent Change
Pedestrian Facilities/Bikeways	\$260,741	\$339,979	(\$79,238)	-23.3%
Bridges	\$84,676	\$82,773	\$1,903	2.3%
Highway Maintenance	\$232,900	\$235,900	(\$3,000)	-1.3%
Mass Transit (MCG)	\$715,647	\$709,938	\$5,709	0.8%
Parking	\$60,033	\$49,740	\$10,293	20.7%
Roads	\$86,818	\$111,773	(\$24,955)	-22.3%
Traffic Improvements	\$108,522	\$108,272	\$250	0.2%
Total	\$1,549,337	\$1,638,375	\$89,038	-5.4%

Transportation projects with significant changes in funding allocations are included in Table 3, Table 4, and Table 5 below. As shown in Table 3, both the US 29 Phase 2 and Sidewalk and Curb Replacement projects have funding reductions in the recommended CIP amendments.

Table 3: Projects with Decreased Funding (Change from Adopted CIP in \$000s)

Project Name	6 Year CIP Total	2023	2024	2025	2026	2027	2028	Beyond 6 Yrs.
Bus Rapid Transit: US 29-Phase 2 (P502201)	(\$1,500)	(\$1,500)	-	-	-	-	-	-
Sidewalk and Curb Replacement (P508182)	(\$3,000)	(\$500)	(\$500)	(\$500)	(\$500)	(\$500)	(\$500)	-

As shown in Table 4, three projects have increased funding in the recommended CIP amendments, including the Bethesda Metro Station South Entrance, Burtonsville Park and Ride Improvements and Purple Line projects.

Table 4: Projects with Increased Funding (Change from Adopted CIP in \$000s)

Project Name	6 Year CIP Total	2023	2024	2025	2026	2027	2028	Beyond 6 Yrs.
Bethesda Metro Station South Entrance (P500929)	\$400	-	\$130	\$130	\$140	-	-	-
Burtonsville Park and Ride Improvements (P502203)	\$4,500	-	\$4,500	-	-	-	-	-
Purple Line (P501603)	\$570	-	\$300	\$130	\$140	-	-	-

There are seven projects with significant recommended funding changes that would result in funding being shifted beyond the current 6-Year CIP. These recommendations remove \$104 million from the 6-year CIP and place \$132.5 million in project funding beyond the CIP, including the \$82.5 million for the Capital Crescent Trail Tunnel, \$12.5 million for the Summit Avenue Extension, \$12.5 million for Observation Drive Extended, and \$11.1 million for the Falls Road Bikeway and Pedestrian Facility. These changes are highlighted in Table 5.

Table 5: Projects with Funding Shifted Beyond 6 Years (Change from Adopted CIP in \$000s)

Project Name	6 Year CIP Total	2023	2024	2025	2026	2027	2028	Beyond 6 Yrs.
Capital Crescent Trail (P501316)	(\$54,435)	-	\$1,010	\$130	(\$10,830)	(\$21,580)	(\$23,165)	\$82,503
Observation Drive Extended (P501507)	(\$12,500)	-	-	(\$1,152)	(\$23,048)	(\$2,640)	\$14,340	\$12,500
Summit Avenue Extension (P502311)	(\$12,455)	-	-	-	-	(\$808)	(\$11,647)	\$12,455
Falls Road Bikeway and Pedestrian Facility (P500905)	(\$11,065)	-	-	-	-	(\$1,619)	(\$9,446)	\$11,065
Bradley Boulevard (MD 191) Improvements (P501733)	(\$6,616)	(\$200)	(\$750)	(\$3,245)	(\$3,370)	(\$3,171)	\$4,120	\$6,616
Goldsboro Road Sidewalk and Bikeway (P501917)	(\$5,168)	-	-	(\$364)	(\$930)	(\$738)	(\$3,136)	\$5,168
Tuckerman Lane Sidewalk (P502302)	(\$1,887)	-	-	-	-	(\$927)	(\$960)	\$1,887

The County Executive's recommended CIP includes several transportation projects with major funding changes due to advancement of these projects out of facility planning, acceleration of funding, and shifting of funding to later fiscal years. Two new transportation projects were added to the FY24 recommended CIP. The new projects are shown below in Table 6.

Table 6: Recommended Transportation Project Additions to the FY23-28 CIP (\$000s)

Project Name	Recommended FY23-28 CIP	Beyond 6 Years
Farm Women's Market Parking Garage (P502316)	\$10,293	\$0
New Transit Maintenance Depot (P502402)	\$2,000	\$0
Total New Transportation Projects	\$12,293	\$0

ANALYSIS OF RECOMMENDED CIP

Every two years, the Planning Board transmits its county transportation funding priorities to the County Executive during the Executive's preparation of the CIP. The priorities are general based on master plan recommendations and a project's potential impacts on equity and Vision Zero safety efforts. The most recent list of county transportation priorities was approved by the Planning Board on October 21, 2021 and transmitted to the County Executive on November 1, 2021 (see Attachment B).

Following is a summary of notable CIP projects that have been reviewed in relation to the Planning Board transportation priorities and in advancing master plan and other Planning Department concerns/initiatives. These include a review of:

- Major Transportation Projects in the Planning Board's Priority List
- Major Transportation Projects Not in the Planning Board's Priority List
- Major Project-Related Concerns Not Addressed in the CIP

A web map has been developed to display the locations of the transportation projects addressed in the first two bullets. This can be found in: [Major Transportation Projects from the CE's Recommended CIP \(arcgis.com\)](https://arcgis.com)

MAJOR TRANSPORTATION PROJECTS IN THE PLANNING BOARD'S PRIORITY LIST

The following is a discussion of the County Executive's recommended changes to key transportation CIP projects included in the Planning Board's priority list:

- **Bus Rapid Transit: MD 355 Central (P502005):** This CIP project was renamed from "Bus Rapid Transit: MD 355" and now focuses on the portion of the proposed MD 355 BRT improvements between Montgomery College – Germantown (or Germantown Transit Center) and Montgomery College – Rockville. During the CIP period, \$347.1 million is budgeted. Construction of this section of the MD 355 BRT service would be completed by FY28. The bulk of the funding for this project is expected to come from two sources: 1) federal aid (\$158.9 million), and 2) Op Lanes (formerly the I-495/I-270 Managed Lanes project) Maryland Transit funding (\$160.0 million). Additional funding for this project includes current revenue, impact tax monies, some state aid (\$6 million), and recordation tax premium funds, but the MD 355 BRT project was identified as the top transportation CIP priority by the Planning Board.
- **Bus Rapid Transit: Veirs Mill Road (P501913):** There is no recommended change in the funding schedule for this bus rapid transit project proposed between Downtown Wheaton and Montgomery College – Rockville. The BRT line will complete Final Design in FY24 and be fully constructed by FY27. Funding sources for this project include current revenue, impact tax monies, federal aid (\$42.6 million), and state aid (\$32.0 million). This project was identified as transportation CIP priority #2 by the Planning Board. It is important to note that this project

will construct an interim project that will operate in traffic for a substantial portion of the corridor and that the intent is to upgrade the BRT to dedicated transit lanes for the full length of the corridor, as recommended in the 2019 Veirs Mill Corridor Master Plan, as part of a future, unfunded project.

- **Capital Crescent Trail (P501316):** An additional \$28.1 million in funding has been added to this project, but the majority of the funds are appropriated beyond the 6-year CIP. In addition, the County Executive's 6-year CIP defers the previously approved FY26, FY27, and FY28 funding of \$54.4 million outside the current 6-year CIP, resulting in essentially no CIP funding for this project in the last four out years (FY25-28) of the 6-year CIP. This funding is needed to complete the Capital Crescent Trail tunnel under Wisconsin Avenue and improvements at Elm Street Park to build out the master plan vision in time with the opening of the Purple Line (FY27). Beyond FY28, a total of \$82.5 million is allocated to complete this project. This project was identified by the Planning Board as transportation CIP priority #4.
- **Forest Glen Passageway (P501911):** While the overall budget for this project remains unchanged, the County Executive is proposing to push \$14.0 million of funding from FY24-FY26 into FY27 and FY28. Construction is anticipated to begin in FY26 and be complete by FY28. This project will be funded with GO bonds. This project was identified as transportation CIP priority #7 by the Planning Board.
- **North Bethesda Metro Station Northern Entrance (P501914):** The project is now scheduled to start construction in FY27. Funding amounts have shifted into the later years of the 6-year CIP with \$261,000 shifted beyond the 6-year CIP. The county is working with WMATA on redevelopment of the North Bethesda Metro Station site and will look for opportunities to leverage private sector funding for these enhancements. This project was identified by the Planning Board as transportation CIP priority #8.
- **Great Seneca Science Corridor Transportation Improvements (P502202):** No funding changes have been proposed in the recommended CIP amendments. This project implements the Great Seneca Transit Network that has been developed by MCDOT in support of the 2022 Corridor Forward: I-270 Transit Plan and the 2021 Great Seneca Science Center Corridor Minor Master Plan Amendment. Phase 1A is the planned implementation of two transit services, called the Pink and Lime lines. The Pink line links the Shady Grove Metrorail station to the Life Sciences Center near Shady Grove Hospital, and the Lime line using I-370 from the Shady Grove Metrorail station to Rio, Crown Farm, and the heart of the Life Sciences Center. Phase 1A of this project remains on schedule to be constructed in FY24; however, Phase 1B of this project has not been scheduled/funded to-date. With its connection to Corridor Forward and its re-envisioned Corridor Cities Transitway, this project relates to the Board's transportation CIP priority #20 to advance transit near the Corridor Cities.
- **Fenton Street Cycle track (P502001):** There has been no change to the funding for this bike project in Downtown Silver Spring on Fenton Street between Planning Place and King Street.

This project, which is anticipated to be constructed by FY24, was identified in transportation CIP priorities #23 and #25 by the Planning Board.

- **Bicycle Pedestrian Priority Area Improvements – Wheaton CBD (P502002):** No changes to the funding for this project. This project budget includes the design and construction of the proposed two-way separated bike lanes on Amherst Avenue between Arcola Avenue and Windham Lane. These improvements were identified by the Planning Board as transportation CIP priorities #24 and #36.
- **Sidewalk Program Minor Projects (P506747):** Sourced funding for this program has shifted a small percentage from GO Bonds to Recordation Tax Premiums for this ongoing level-of-effort program. This program was identified as transportation CIP priority #33 by the Planning Board.
- **Observation Drive Extended (P501507):** The six-year CIP for this project is proposed to be decreased by \$12.5 million and the construction completion has shifted back one year to FY29. Decreased funding in FY25 and FY26 provides for the funds shifted beyond the 6-year CIP. Phase 1 is the connection of Observation Drive between Waters Discovery Lane and Little Seneca Parkway and the completion/improvement of Little Seneca Parkway between MD 355 and Observation Drive. Phase 2 is the future extension of Observation Drive up to the future Clarksburg Bypass/Roberts Tavern Road. Beyond FY28, the remaining funding needed to complete this project will be \$61.0 million. This project (Phase 1 only) was identified by the Planning Board as the #38 transportation CIP priority. Slight delays in this overall project may be advantageous as the Clarksburg Master Plan, which will re-envision the Observation Drive/Gateway Center Drive corridors, is scheduled to begin in Summer 2023.
- **US 29 BRT Phase 2 (P502201):** The County Executive has recommended decreasing funding for this project by \$1.5 million in the 6-year CIP, due to reduced costs for preliminary design. Phase 2 of the project will create a dedicated BRT lane along the US 29 corridor between Tech Road and Sligo Creek Parkway.

MAJOR TRANSPORTATION PROJECTS NOT IN THE PLANNING BOARD'S PRIORITY LIST

There are many notable transportation projects included in the County Executive's recommended CIP that Planning staff is generally supportive of, and while they did not make the Planning Board's Top 100, they are worthwhile efforts. These projects include ongoing level-of-effort work programs, cost sharing for Maryland Department of Transportation – State Highway Administration (MDOT SHA) projects, first mile/last mile transit-supportive programs as well as some notable older projects that have already advanced through Mandatory Referral.

- **Bicycle-Pedestrian Priority Area Improvements – Veirs Mill/Randolph (P502003):** There are no proposed changes to the funding of this project. Construction is expected to occur in FY25-FY27 concurrent with the Veirs Mill Road BRT project. The Veirs Mill Corridor Master Plan

recommended an extension of the Veirs Mill / Randolph BiPPA to include the area between Robindale Drive and Parkland Drive as well as the area between Claridge Road and the Wheaton Central Business District.

- **RideOn Bus Fleet (P500821):** MCDOT is continuing to apply for grants to cover the cost of additional zero-emission buses, with the goal of transitioning to a 100% zero-emission fleet.
- **Sidewalk and Curb Replacement (P508182):** \$3.0 million is proposed to be removed from this ongoing level-of-effort program. This reduction is due anticipated reductions in private residences utilizing the apron replacement program.
- **Facility Planning: Mass Transit (P502308):** This new program provides for planning and preliminary engineering for new and reconstructed mass transit projects under consideration for inclusion in the CIP. \$3.1 million is funded for this ongoing program.
- **Transportation Feasibility Studies (P502303):** \$1.5 million is included in the CIP for this ongoing program to quickly identify solutions for advancing transportation facilities to design and construction. Projects selected for inclusion in this program will not require detailed alternatives analysis.
- **Goldsboro Road Sidewalk and Bikeway (P501917):** \$5.2 million is proposed to be shifted beyond the 6-year CIP for this bike/ped project. Design has been delayed from FY25 and will now start in FY27, and the beginning of construction is delayed from FY27 to FY29. Beyond FY28, the remaining funded needed to complete this project will be \$19.8 million.
- **Bowie Mill Road Bikeway (P502108):** Approximately \$750,000 will be moved up in the 6-year CIP for this bikeway project. Two stages of the project have moved earlier by one year; design will now start in FY23 and be completed in FY25, and land acquisition will now start in FY25 and be completed in FY27. Beyond FY28, the remaining funded needed to complete this project will be \$7.8 million.
- **Falls Road East Side Hiker/Biker Path (P500905):** \$11.1 million is proposed to be delayed beyond the 6-year CIP for this bicycle/pedestrian project. These funds were originally scheduled in FY27 and FY28. This project has been deferred repeatedly over the past 15+ years.
- **US 29 Pedestrian and Bicycle Improvements (P502304):** \$5.5 million is budgeted for this project to fund the design and construction of pedestrian and bicycle improvements to Flash stations along the US 29 corridor.
- **Oak Drive/ MD 27 Sidewalk (P501908):** \$12.5 million is budgeted for this sidewalk project. The project would be fully constructed by FY28 with this recommended allocation.

- **Bradley Boulevard (MD 191) Improvements (P501733):** \$6.6 million is proposed to be delayed beyond the 6-year CIP for this bikeway project. Construction was scheduled to begin in FY26 and complete in FY27, but now the project will begin construction in FY28 and be completed sometime beyond the 6-year CIP.
- **Sandy Spring Bikeway (P502306):** \$200,000 is budgeted for FY23 for cost sharing with MDOT SHA for the final design and construction of a ten-foot-wide sidepath on the north side of MD 108 from Doctor Bird Road to Norwood Road.
- **Metropolitan Branch Trail (P501110):** There are no funding changes for this project, however, this project has been repeatedly delayed for the past 15 years. This project was previously one of the Planning Board's top transportation priorities. Since it is now fully funded, it was removed from the Top 100 priority list. Phase 1 construction was completed in 2018. Phase 2 design and property acquisition was completed in FY22. Utility relocations were completed in FY22. Construction was scheduled to start in FY22 and be completed in 30 months (FY24). Due to bid procurement rules, the project is being re-bid, as only one contractor submitted, so contract award and construction initiation is likely delayed by 6 months (still FY24 hopefully).
- **Cherry Hill Road Bike Facility (P502314):** This project was added to the adopted FY23-28 CIP and there have been no changes in the scheduled funding. The project will upgrade existing bike facilities and complete missing bikeway segments along Randolph Road and Cherry Hill Road from Old Columbia Pike to the Montgomery-Prince George's county line. This project is identified as a high priority in the Bicycle Master Plan and located in an Equity Focus Area.
- **Norwood Road Shared Use Path (P502313):** This project was also added to the adopted FY23-28 CIP and will construct a shared use path along Norwood Road from New Hampshire Ave (MD 650) to Norbeck Road.

MAJOR PROJECT-RELATED CONCERNS NOT ADDRESSED IN THE CIP

- **Systemic Safety Countermeasure Program:** Initiate a funding program focused on systemic improvements that address crash risks identified in the Predictive Safety Analysis. Systemic countermeasure implementation is a common Vision Zero approach that identifies many locations throughout the county for rapid application of improvements. These treatments are generally considered well-suited for widespread implementation because of their safety effectiveness, cost effectiveness, and because they may be implemented with limited study and design. In contrast, spot safety treatments use traditional site-based analysis at a specific location. See Attachment C, which includes candidate locations for systemic countermeasure implementation from the Planning Department's Predictive Safety Analysis.

- **Bike Racks:** Similar to last year’s CIP review, this issue is still a concern. Based on a 2016 survey, over 8,600 bicycle parking spaces are needed at public schools, public libraries, and recreation centers; the vast majority are needed at schools. The recommendation in the 2019-2020 Bicycle Master Plan Biennial Monitoring Report is to upgrade deficient bike racks at all public libraries and recreation centers over the next two years and expand and upgrade bicycle parking availability at all public schools over a ten-year period. As shown in Table 7 below, the estimated cost to upgrade and expand bicycle parking at these public facilities is approximately \$3.6 million.

Table 7: Estimated Cost to Address Bicycle Parking Needs at Public Facilities

Facility Type	Bicycle Racks Needed	Estimated Cost
Elementary Schools	3,831	\$1,566,000
Middle Schools	1,892	\$788,000
High Schools	2,546	\$1,188,000
Public Libraries	158	\$18,000
Recreation Centers	228	\$30,000
Total	8,655	\$3,590,000

Source: Bicycle Master Plan Biennial Monitoring Report – 2019-2020, Table 14, page 47.

- **Aspen Hill BiPPA:** Similar to last year this is still a concern. According to the Aspen Hill Vision Zero Study, there were 23 severe or fatal crashes in the Aspen Hill Vision Zero Study area between 2015 and 2019. Another fatal crash occurred on February 5, 2023 at the intersection of Hewitt Avenue and Georgia Avenue. In 2019, the Planning Board requested the creation of a new BiPPA project to address the deficiencies identified in the Aspen Hill Vision Zero Study, conducted by the Planning Department. This action has not been added to the CIP.
<https://montgomeryplanning.org/planning/communities/midcounty/aspen-hill/aspen-hill-vision-zero-study/>.

RECOMMENDATIONS/COMMENTS

Staff is generally supportive of the County Executive’s Recommended FY24 Capital Budget and FY23-FY28 CIP, but recommends that the following specific comments be transmitted to the County Council:

- **Capital Crescent Trail (P501316):** It is critical that this project be completed to coincide with the completion of the Purple Line (now scheduled for FY27). The proposed delay in this project’s schedule beyond FY28 is unacceptable. Given the uncertainty of state aid, we recommend that budget adjustments to other lower-priority projects be made to fully fund this project to ensure that it will be constructed by FY27.
- **Aspen Hill Bicycle-Pedestrian Priority Area project:** Fund a new project to implement the safety recommendations in the Aspen Hill Vision Zero Study.

- **Systemic Safety Countermeasure Program:** Initiate a funding program focused on systemic improvements that address crash risks identified in the Predictive Safety Analysis.
- **Bike Racks:** Create a new program to upgrade deficient bike racks at all public libraries and recreation centers over the next two years and expand and upgrade bicycle parking availability at all public schools over a ten-year period.

ATTACHMENTS

Attachment A – Recommended Changes to Project Expenditures

Attachment B – 2021 Planning Board Transportation Priorities

Attachment C – Candidate Locations for Systemic Countermeasure Implementation

Attachment A

Expenditure Detail by Category, Sub-category, and Project (\$000s)

Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
General Government													
County Offices and Other Improvements													
P362106	AltaGas-WGL Merger Fund	7,000	0	5,706	1,294	1,294	0	0	0	0	0	0	1,294
P361107	Americans with Disabilities Act (ADA): Compliance	66,400	29,525	10,475	26,400	4,400	4,400	4,400	4,400	4,400	4,400	0	4,400
P508728	Asbestos Abatement: MCG	1,674	803	151	720	120	120	120	120	120	120	0	120
P361501	Building Envelope Repair	20,215	7,056	3,859	9,300	1,550	1,550	1,550	1,550	1,550	1,550	0	1,550
P011601	Council Office Building Garage Renovation *	6,749	6,466	283	0	0	0	0	0	0	0	0	0
P010100	Council Office Building Renovations	49,744	44,609	1,982	3,153	587	2,566	0	0	0	0	0	0
P342302	Dickerson Radio Tower	2,000	0	2,000	0	0	0	0	0	0	0	0	0
P509923	Elevator Modernization	23,554	14,097	3,457	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0	1,000
P507834	Energy Conservation: MCG	3,731	2,238	593	900	150	150	150	150	150	150	0	150
P361302	Energy Systems Modernization	142,900	21,346	80,354	41,200	10,300	10,300	10,300	10,300	0	0	0	10,300
P500918	Environmental Compliance: MCG	27,303	17,082	1,821	8,400	1,400	1,400	1,400	1,400	1,400	1,400	0	1,400
P361103	EOB HVAC Renovation	8,000	290	110	7,600	5,000	2,600	0	0	0	0	0	5,000
P362105	Exelon-Pepco Merger Fund	6,200	1,254	2,659	2,287	2,287	0	0	0	0	0	0	2,287
P500152	Facilities Site Selection: MCG	595	406	39	150	25	25	25	25	25	25	0	25
P508768	Facility Planning: MCG	11,776	9,847	369	1,560	260	260	260	260	260	260	0	260
P508941	HVAC/Elec Replacement: MCG	37,631	13,553	5,378	18,700	2,950	2,950	3,200	3,200	3,200	3,200	0	2,950
P509970	Life Safety Systems: MCG	16,862	11,001	2,111	3,750	625	625	625	625	625	625	0	625
P362302	Lincoln HS	1,500	0	0	1,500	1,500	0	0	0	0	0	0	1,500
P360903	MCPS Bus Depot and Maintenance Relocation	86,000	1,746	1,254	0	0	0	0	0	0	0	83,000	0
P509514	Planned Lifecycle Asset Replacement: MCG	32,801	12,302	5,199	15,300	2,550	2,550	2,550	2,550	2,550	2,550	0	2,550
P340901	Public Safety System Modernization	111,494	97,470	9,327	4,697	1,978	2,719	0	0	0	0	0	0
P500727	Red Brick Courthouse Structural Repairs	10,613	590	0	10,023	0	0	1,058	3,032	5,933	0	0	0

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
County Offices and Other Improvements													
P509914	Resurfacing Parking Lots: MCG	15,355	10,098	1,357	3,900	650	650	650	650	650	650	0	650
P361702	Rockville Core *	25,519	24,245	1,274	0	0	0	0	0	0	0	0	0
P508331	Roof Replacement: MCG	36,734	19,760	3,534	13,440	2,240	2,240	2,240	2,240	2,240	2,240	0	2,240
County Offices and Other Improvements Subtotal:		752,350	345,784	143,292	180,274	40,866	36,105	29,528	31,502	24,103	18,170	83,000	38,301
Economic Development													
P789057	Life Sciences and Technology Centers	3,270	2,264	1,006	0	0	0	0	0	0	0	0	0
P150700	Long Branch Town Center Redevelopment *	300	244	56	0	0	0	0	0	0	0	0	0
P361703	Marriott International Headquarters and Hotel Project *	22,000	16,500	5,500	0	0	0	0	0	0	0	0	0
P150401	Wheaton Redevelopment Program *	179,328	174,511	4,817	0	0	0	0	0	0	0	0	0
P151200	White Flint Redevelopment Program	4,070	3,488	582	0	0	0	0	0	0	0	0	0
P361701	White Oak Science Gateway Redevelopment Project	46,960	5,320	2,040	39,600	700	3,700	2,000	12,700	10,500	10,000	0	0
Economic Development Subtotal:		255,928	202,327	14,001	39,600	700	3,700	2,000	12,700	10,500	10,000	0	0
Other General Government													
P362201	260 East Jefferson Street Acquisition	3,600	0	3,600	0	0	0	0	0	0	0	0	0
P852101	ABS Retail Store Refresh	15,143	0	3,052	11,420	1,000	3,080	1,783	1,213	2,144	2,200	671	1,000
P316222	ALARF: MCG *	12,532	0	12,532	0	0	0	0	0	0	0	0	0
P361901	Heavy Equipment Replacement *	3,176	3,138	38	0	0	0	0	0	0	0	0	0
P362107	Reacquisition of Larchmont Elementary School Property *	7,600	0	7,600	0	0	0	0	0	0	0	0	0
Other General Government Subtotal:		42,051	3,138	26,822	11,420	1,000	3,080	1,783	1,213	2,144	2,200	671	1,000
Technology Services													
P342301	County Radio Life Cycle Replacement	45,036	0	0	41,292	9,830	10,845	12,347	2,728	4,830	712	3,744	9,830
P342102	County Radio Replacement and Related Equipment *	1,434	1,090	344	0	0	0	0	0	0	0	0	0

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Technology Services													
P509651	FiberNet	104,179	71,085	11,726	21,368	3,888	3,496	3,496	3,496	3,496	3,496	0	3,888
P342001	Master Lease: Digital Evidence Data Storage *	1,237	1,204	33	0	0	0	0	0	0	0	0	0
P341700	ultraMontgomery	29,919	2,122	2,402	25,395	5,315	5,455	5,475	5,475	2,975	700	0	5,315
Technology Services Subtotal:		181,805	75,501	14,505	88,055	19,033	19,796	21,318	11,699	11,301	4,908	3,744	19,033
General Government Total:		1,232,134	626,750	198,620	319,349	61,599	62,681	54,629	57,114	48,048	35,278	87,415	58,334
Public Safety													
Correction and Rehabilitation													
P421100	Criminal Justice Complex	78,661	1,470	0	72,892	0	832	1,651	12,017	32,705	25,687	4,299	0
P422301	Montgomery County Correctional Facility and Community Corrections Wi-Fi project	936	0	0	936	415	306	215	0	0	0	0	415
P422302	Montgomery County Correctional Facility Refresh	4,000	0	0	4,000	400	1,500	500	800	800	0	0	400
P422102	Montgomery County Detention Center Partial Demolition and Renovation	4,791	203	3,574	1,014	1,014	0	0	0	0	0	0	0
P420900	Pre-Release Center Dietary Facilities Improvements *	7,005	6,592	413	0	0	0	0	0	0	0	0	0
Correction and Rehabilitation Subtotal:		95,393	8,265	3,987	78,842	1,829	2,638	2,366	12,817	33,505	25,687	4,299	815
Fire/Rescue Service													
P451504	Apparatus Replacement Program	126,618	40,180	25,051	61,387	7,980	10,504	9,869	9,364	11,666	12,004	0	7,635
P450300	Clarksburg Fire Station	34,564	8,973	9,761	15,830	14,112	1,718	0	0	0	0	0	0
P450305	Female Facility Upgrade	2,229	1,654	98	477	123	354	0	0	0	0	0	176
P450302	Fire Stations: Life Safety Systems	4,746	3,656	454	636	86	110	110	110	110	110	0	6
P450700	FS Emergency Power System Upgrade *	7,247	6,608	639	0	0	0	0	0	0	0	0	0
P450702	Glen Echo Fire Station Renovation	202	0	0	202	202	0	0	0	0	0	0	202
P450900	Glenmont FS 18 Replacement *	14,778	14,590	188	0	0	0	0	0	0	0	0	0
P452201	Heart Monitor/Defibrillator Replacement	1,744	0	710	1,034	550	484	0	0	0	0	0	550
P458756	HVAC/Elec Replacement: Fire Stns	18,777	8,472	2,205	8,100	1,350	1,350	1,350	1,350	1,350	1,350	0	1,350

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Fire/Rescue Service													
P450903	Kensington (Aspen Hill) FS 25 Addition *	17,169	15,746	1,423	0	0	0	0	0	0	0	0	0
P458429	Resurfacing: Fire Stations	5,029	2,065	564	2,400	400	400	400	400	400	400	0	400
P450105	Rockville Fire Station 3 Renovation	500	0	0	500	0	500	0	0	0	0	0	0
P458629	Roof Replacement: Fire Stations	5,793	2,699	982	2,112	352	352	352	352	352	352	0	352
P451502	White Flint Fire Station 23	38,227	3,522	1,341	33,364	0	6,607	13,775	12,523	459	0	0	0
Fire/Rescue Service Subtotal:		277,623	108,165	43,416	126,042	25,155	22,379	25,856	24,099	14,337	14,216	0	10,671
Other Public Safety													
P100300	Judicial Center Annex *	140,628	140,421	207	0	0	0	0	0	0	0	0	0
Other Public Safety Subtotal:		140,628	140,421	207	0	0	0	0	0	0	0	0	0
Police													
P471200	2nd District Police Station *	5,971	5,808	163	0	0	0	0	0	0	0	0	0
P470301	6th District Police Station	31,907	2,054	644	29,209	7,691	15,559	5,744	215	0	0	0	26,527
P472101	Outdoor Firearms Training Center	5,641	0	0	5,641	0	282	219	1,702	3,008	430	0	0
P472104	Police Body Armor *	1,050	864	186	0	0	0	0	0	0	0	0	0
P479909	PSTA Academic Building Complex *	6,544	4,987	1,557	0	0	0	0	0	0	0	0	0
P471802	Public Safety Communications Center *	17,559	17,509	50	0	0	0	0	0	0	0	0	0
P472102	Public Safety Communications Center, Phase II, Electrical Distribution and HVAC Upgrade	14,931	0	495	14,436	4,379	9,847	210	0	0	0	0	12,684
Police Subtotal:		83,603	31,222	3,095	49,286	12,070	25,688	6,173	1,917	3,008	430	0	39,211
Public Safety Total:		597,247	288,073	50,705	254,170	39,054	50,705	34,395	38,833	50,850	40,333	4,299	50,697
Transportation													
Bridges													
P501903	Beach Drive Bridge *	4,202	385	3,817	0	0	0	0	0	0	0	0	0

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Bridges													
P509132	Bridge Design	34,018	19,255	2,916	11,847	2,291	2,101	2,078	1,869	1,898	1,610	0	2,178
P500313	Bridge Preservation Program	13,963	8,684	2,151	3,128	514	514	525	525	525	525	0	1,028
P509753	Bridge Renovation	62,188	25,910	6,351	29,927	6,880	6,300	3,900	3,800	4,397	4,650	0	13,180
P501907	Brighton Dam Road Bridge No. M-0229	2,250	43	629	1,578	1,467	111	0	0	0	0	0	0
P502104	Brink Road Bridge M-0064	5,551	0	0	5,551	0	0	2,379	3,172	0	0	0	0
P501701	Dennis Ave Bridge M-0194 Replacement	7,850	189	445	7,216	4,505	2,711	0	0	0	0	0	2,240
P501906	Dorsey Mill Road Bridge	34,020	0	0	625	35	0	0	0	0	590	33,395	0
P501420	Elmhirst Parkway Bridge (Bridge No. M-0353) *	2,141	2,141	0	0	0	0	0	0	0	0	0	0
P502105	Garrett Park Road Bridge M-0352	6,746	0	0	6,746	0	0	3,406	3,340	0	0	0	0
P502102	Glen Road Bridge	4,585	0	200	4,385	310	1,725	2,350	0	0	0	0	0
P501302	Gold Mine Road Bridge M-0096 *	6,467	5,376	1,091	0	0	0	0	0	0	0	0	0
P502103	Mouth of Monocacy Road Bridge	3,160	0	0	3,160	0	0	100	975	2,085	0	0	0
P501523	Park Valley Road Bridge *	4,850	4,646	204	0	0	0	0	0	0	0	0	0
P501522	Piney Meetinghouse Road Bridge *	3,755	3,200	555	0	0	0	0	0	0	0	0	0
Bridges Subtotal:		195,746	69,829	18,359	74,163	16,002	13,462	14,738	13,681	8,905	7,375	33,395	18,626
Highway Maintenance													
P501106	Permanent Patching: Residential/Rural Roads	62,192	39,885	3,407	18,900	3,150	3,150	3,150	3,150	3,150	3,150	0	3,150
P500914	Residential and Rural Road Rehabilitation	128,697	71,577	8,520	48,600	8,100	8,100	8,100	8,100	8,100	8,100	0	8,100
P500720	Resurfacing Park Roads and Bridge Improvements	12,660	8,460	600	3,600	600	600	600	600	600	600	0	600
P508527	Resurfacing: Primary/Arterial	97,990	49,745	7,745	40,500	6,750	6,750	6,750	6,750	6,750	6,750	0	6,750
P500511	Resurfacing: Residential/Rural Roads	240,877	161,173	11,704	68,000	10,000	11,000	11,000	12,000	12,000	12,000	0	10,000
P361902	Salt Storage Facility *	3,267	3,266	1	0	0	0	0	0	0	0	0	0
P508182	Sidewalk and Curb Replacement	92,409	43,724	5,027	43,658	6,700	6,700	7,200	7,700	7,200	8,158	0	6,700

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Highway Maintenance													
P500700	Street Tree Preservation	55,600	33,657	3,343	18,600	3,100	3,100	3,100	3,100	3,100	3,100	0	3,100
	Highway Maintenance Subtotal:	693,692	411,487	40,347	241,858	38,400	39,400	39,900	41,400	40,900	41,858	0	38,400
Mass Transit (MCG)													
P500929	Bethesda Metro Station South Entrance	130,202	55,078	35,380	39,744	12,980	24,111	2,632	21	0	0	0	1,334
P501915	Boyds Transit Center	5,650	701	1,098	3,851	307	3,544	0	0	0	0	0	3,444
P502203	Burtonsville Park and Ride Improvements	500	0	500	0	0	0	0	0	0	0	0	0
P502204	Bus Priority Program - Minor Projects	6,250	0	1,250	5,000	500	500	1,000	1,000	1,000	1,000	0	500
P502005	Bus Rapid Transit: MD 355 Central	314,370	2,111	9,389	302,870	10,700	8,200	50,230	117,090	84,640	32,010	0	7,200
P502309	Bus Rapid Transit: MD 355 South/North	9,700	0	0	9,700	4,850	4,850	0	0	0	0	0	4,850
P501318	Bus Rapid Transit: System Development	33,375	17,658	5,717	10,000	4,500	3,500	500	500	500	500	0	4,500
P501912	Bus Rapid Transit: US 29 *	31,550	31,058	492	0	0	0	0	0	0	0	0	0
P502201	Bus Rapid Transit: US 29-Phase 2	6,250	0	1,750	4,500	3,000	1,500	0	0	0	0	0	6,000
P501913	Bus Rapid Transit: Veirs Mill Road	86,800	1,772	3,728	81,300	3,500	710	21,813	31,799	23,478	0	0	1,500
P507658	Bus Stop Improvements	7,916	4,195	1,321	2,400	400	400	400	400	400	400	0	400
P500933	Equipment Maintenance and Operations Center (EMOC) *	140,764	140,674	90	0	0	0	0	0	0	0	0	0
P502308	Facility Planning: Mass Transit	3,065	0	0	2,935	1,020	195	450	380	325	565	130	1,020
P502202	Great Seneca Science Corridor Transit Improvements	12,100	0	3,775	8,325	6,325	2,000	0	0	0	0	0	0
P501801	Intelligent Transit System	18,072	4,721	10,351	3,000	500	500	500	500	500	500	0	500
P502110	Master Leases: Transit Radio System Replacement *	2,767	1,569	1,198	0	0	0	0	0	0	0	0	0
P361109	MCPS & M-NCPPC Maintenance Facilities Relocation *	69,039	68,618	421	0	0	0	0	0	0	0	0	0
P501603	Purple Line	53,612	11,781	26,831	15,000	15,000	0	0	0	0	0	0	15,000
P500821	Ride On Bus Fleet	376,209	181,090	39,734	155,385	17,220	23,015	19,845	21,300	34,610	39,395	0	17,220
P502107	Ride On Bus Route Restructuring Study *	0	0	0	0	0	0	0	0	0	0	0	0

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Mass Transit (MCG)													
P509974	Silver Spring Transit Center *	149,091	146,427	2,664	0	0	0	0	0	0	0	0	0
P500534	Transit Park and Ride Lot Renovations *	3,039	2,313	726	0	0	0	0	0	0	0	0	0
P502106	White Flint Metro Station Access Improvements	3,570	300	1,002	2,268	2,268	0	0	0	0	0	0	670
P501914	White Flint Metro Station Northern Entrance	8,700	0	0	8,700	0	652	653	3,219	3,915	261	0	0
Mass Transit (MCG) Subtotal:		1,472,591	670,066	147,417	654,978	83,070	73,677	98,023	176,209	149,368	74,631	130	64,138
Parking													
P501313	Facility Planning Parking: Bethesda Parking Lot District	1,440	567	243	630	30	190	130	100	90	90	0	0
P501314	Facility Planning Parking: Silver Spring Parking Lot District	1,440	538	113	789	115	135	204	155	90	90	0	0
P501312	Facility Planning Parking: Wheaton Parking Lot District	720	167	75	478	155	35	20	58	45	165	0	0
P508255	Parking Bethesda Facility Renovations	46,162	18,183	4,430	23,549	6,115	5,174	3,065	3,065	3,065	3,065	0	2,781
P501551	Parking Lot Districts Service Facility *	4,770	4,718	52	0	0	0	0	0	0	0	0	0
P508250	Parking Silver Spring Facility Renovations	35,544	14,306	1,733	19,505	2,195	3,370	4,310	4,410	2,610	2,610	0	0
P509709	Parking Wheaton Facility Renovations	1,460	443	88	929	112	112	112	112	237	244	0	0
P501111	Silver Spring Lot 3 Parking Garage *	240	0	240	0	0	0	0	0	0	0	0	0
Parking Subtotal:		91,776	38,922	6,974	45,880	8,722	9,016	7,841	7,900	6,137	6,264	0	2,781
Pedestrian Facilities/Bikeways													
P509325	ADA Compliance: Transportation	15,312	7,795	1,517	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0	1,000
P500119	Bethesda Bikeway and Pedestrian Facilities	12,448	6,464	1,766	4,218	2,658	1,195	365	0	0	0	0	2,658
P501532	Bicycle-Pedestrian Priority Area Improvements	18,845	8,062	3,210	7,573	1,634	1,118	1,030	1,337	1,198	1,256	0	1,634
P502004	Bicycle-Pedestrian Priority Area Improvements - Purple Line	10,217	250	922	9,045	2,011	3,034	1,000	1,000	1,000	1,000	0	2,011
P502003	Bicycle-Pedestrian Priority Area Improvements - Veirs Mill/Randolph	14,967	88	743	14,136	2,670	874	3,144	3,174	4,274	0	0	2,670
P502002	Bicycle-Pedestrian Priority Area Improvements - Wheaton CBD	8,795	133	1,024	7,638	890	2,155	2,171	1,352	535	535	0	0

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Pedestrian Facilities/Bikeways													
P507596	Bikeway Program Minor Projects	21,241	5,267	4,714	11,260	2,570	1,570	1,640	1,780	1,700	2,000	0	2,570
P502108	Bowie Mill Road Bikeway	20,706	0	0	12,905	0	1,122	1,123	665	645	9,350	7,801	0
P501733	Bradley Boulevard (MD 191) Improvements	16,465	218	528	15,719	783	755	3,445	4,120	6,616	0	0	205
P501316	Capital Crescent Trail	116,097	37,814	11,547	11,161	7,853	3,308	0	0	0	0	55,575	323
P502109	Dale Drive Shared Use Path and Safety Improvements	10,215	264	1,089	8,862	708	1,244	3,277	3,633	0	0	0	1,221
P500905	Falls Road Bikeway and Pedestrian Facility	27,111	0	1,640	11,065	0	0	0	0	1,619	9,446	14,406	0
P502001	Fenton Street Cycletrack	11,561	140	1,630	9,791	4,996	4,795	0	0	0	0	0	9,387
P501911	Forest Glen Passageway	40,552	2	1,250	39,300	100	1,400	1,000	10,425	17,000	9,375	0	0
P501734	Franklin Avenue Sidewalk	3,300	415	1,151	1,734	1,734	0	0	0	0	0	0	1,734
P501118	Frederick Road Bike Path *	7,402	6,731	671	0	0	0	0	0	0	0	0	0
P501917	Goldsboro Road Sidewalk and Bikeway	21,096	0	0	14,759	0	364	930	1,102	4,066	8,297	6,337	0
P501902	Good Hope Road Shared Use Path	5,720	1,219	978	3,523	2,825	698	0	0	0	0	0	990
P501742	Life Sciences Center Loop Trail	12,901	399	1,031	11,471	0	0	1,200	3,670	6,601	0	0	0
P500718	MacArthur Blvd Bikeway Improvements	21,208	8,855	1,019	11,334	418	6,468	4,448	0	0	0	0	90
P501209	MD 355 Crossing (BRAC) *	108,980	106,705	2,275	0	0	0	0	0	0	0	0	0
P501744	MD355-Clarksburg Shared Use Path	6,464	1,073	24	5,367	3,422	1,945	0	0	0	0	0	5,187
P501110	Metropolitan Branch Trail	20,662	4,972	5,470	10,220	6,336	3,884	0	0	0	0	0	0
P501304	Needwood Road Bikepath *	5,765	5,749	16	0	0	0	0	0	0	0	0	0
P501908	Oak Drive/MD 27 Sidewalk	12,511	541	875	11,095	0	0	1,459	1,435	4,995	3,206	0	0
P502306	Sandy Spring Bikeway	200	0	0	200	200	0	0	0	0	0	0	200
P501303	Seven Locks Bikeway and Safety Improvements	26,760	0	0	0	0	0	0	0	0	0	26,760	0
P506747	Sidewalk Program Minor Projects	43,592	18,488	3,146	21,958	4,344	2,914	3,000	4,500	3,600	3,600	0	4,344
P509975	Silver Spring Green Trail	1,975	1,574	237	164	112	45	6	1	0	0	0	64

* Closeout or Pending Closeout Projects

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Expenditure Detail by Category, Sub-category, and Project (\$000s)

Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Pedestrian Facilities/Bikeways													
P509036	Transportation Improvements For Schools	3,188	1,699	235	1,254	209	209	209	209	209	209	0	209
P502302	Tuckerman Lane Sidewalk	537	0	0	537	0	0	0	0	269	268	0	0
P502304	US 29 Pedestrian and Bicycle Improvements	6,000	0	0	6,000	0	0	1,000	1,000	2,000	2,000	0	0
Pedestrian Facilities/Bikeways Subtotal:		652,793	224,917	48,708	268,289	47,473	40,097	31,447	40,403	57,327	51,542	110,879	36,497
Roads													
P500112	Advance Reforestation *	1,109	1,071	38	0	0	0	0	0	0	0	0	0
P500500	Burtonsville Access Road	9,481	522	705	8,254	1,681	3,669	2,904	0	0	0	0	3,350
P501315	Clarksburg Transportation Connections *	10,600	10,000	600	0	0	0	0	0	0	0	0	0
P501317	County Service Park Infrastructure Improvements *	1,489	1,439	50	0	0	0	0	0	0	0	0	0
P502006	Davis Mill Road Emergency Stabilization *	2,340	2,297	43	0	0	0	0	0	0	0	0	0
P501117	Dedicated but Unmaintained County Roads	769	716	23	30	5	5	5	5	5	5	0	5
P501309	East Gude Drive Roadway Improvements *	6,027	1,450	4,577	0	0	0	0	0	0	0	0	0
P509337	Facility Planning-Transportation	73,787	53,581	4,926	13,680	2,295	2,350	2,290	2,385	2,220	2,140	1,600	2,295
P501107	Goshen Road South	168,036	7,556	552	0	0	0	0	0	0	0	159,928	0
P500338	Highway Noise Abatement	2,915	2,867	18	30	5	5	5	5	5	5	0	5
P501405	Maryland/Dawson Extended *	2,760	187	2,573	0	0	0	0	0	0	0	0	0
P501404	MCG Reconciliation PDF	0	0	0	0	0	0	0	0	0	0	0	0
P500717	Montrose Parkway East *	12,060	11,322	738	0	0	0	0	0	0	0	0	0
P501507	Observation Drive Extended	115,593	0	522	69,604	1,045	1,346	824	4,800	28,819	32,770	45,467	0
P501200	Platt Ridge Drive Extended *	4,301	4,051	250	0	0	0	0	0	0	0	0	0
P507310	Public Facilities Roads	2,171	1,025	546	600	100	100	100	100	100	100	0	100
P501307	Seminary Road Intersection Improvement *	7,258	6,772	486	0	0	0	0	0	0	0	0	0
P501109	Snouffer School Road *	26,760	23,872	2,888	0	0	0	0	0	0	0	0	0

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Roads													
P501119	Snouffer School Road North (Webb Tract) *	15,047	13,886	1,161	0	0	0	0	0	0	0	0	0
P500722	State Transportation Participation *	84,450	77,408	7,042	0	0	0	0	0	0	0	0	0
P508000	Subdivision Roads Participation	24,360	9,810	8,855	5,695	5,195	100	100	100	100	100	0	0
P502303	Transportation Feasibility Studies	1,500	0	0	1,500	250	250	250	250	250	250	0	250
P500724	Watkins Mill Road Extended *	6,075	4,812	1,263	0	0	0	0	0	0	0	0	0
P501204	White Flint District East: Transportation	29,690	757	19	0	0	0	0	0	0	0	28,914	0
P501116	White Flint District West: Transportation	71,095	5,911	0	0	0	0	0	0	0	0	65,184	0
P501506	White Flint West Workaround	74,114	45,117	21,284	7,713	7,713	0	0	0	0	0	0	0
Roads Subtotal:		753,787	286,429	59,159	107,106	18,289	7,825	6,478	7,645	31,499	35,370	301,093	6,005
Traffic Improvements													
P509399	Advanced Transportation Management System	68,231	57,455	1,728	9,048	1,508	1,508	1,508	1,508	1,508	1,508	0	1,508
P501802	Bethesda Transportation Infrastructure Development *	200	142	58	0	0	0	0	0	0	0	0	0
P508113	Guardrail Projects	4,443	2,128	425	1,890	315	315	315	315	315	315	0	315
P507017	Intersection and Spot Improvements	29,276	12,102	2,814	14,360	2,544	2,410	2,344	2,354	2,354	2,354	0	2,544
P509523	Neighborhood Traffic Calming	4,491	2,234	397	1,860	310	310	310	310	310	310	0	310
P500333	Pedestrian Safety Program	52,162	23,417	3,945	24,800	3,700	3,800	3,300	6,800	3,600	3,600	0	3,700
P500512	Streetlight Enhancements-CBD/Town Center	5,930	4,023	407	1,500	250	250	250	250	250	250	0	250
P507055	Streetlighting	32,772	21,668	1,884	9,220	1,370	1,370	1,620	1,620	1,620	1,620	0	1,370
P500704	Traffic Signal System Modernization	51,118	42,573	1,117	7,428	1,238	1,238	1,238	1,238	1,238	1,238	0	1,238
P507154	Traffic Signals	76,793	36,735	6,048	34,010	5,335	5,335	5,835	5,835	5,835	5,835	0	5,335
P501202	White Flint Traffic Analysis and Mitigation	1,895	1,272	137	486	81	81	81	81	81	81	0	81
P501540	White Oak Local Area Transportation Improvement Program	101,400	201	99	1,100	0	500	600	0	0	0	100,000	0
Traffic Improvements Subtotal:		428,711	203,950	19,059	105,702	16,651	17,117	17,401	20,311	17,111	17,111	100,000	16,651

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Transportation Total:		4,289,096	1,905,600	340,023	1,497,976	228,607	200,594	215,828	307,549	311,247	234,151	545,497	183,098
Recycling and Resource Management													
Recycling and Resource Management													
P802201	Full Upgrade of Existing Recycling Center Complex	20,350	0	11,900	8,450	8,450	0	0	0	0	0	0	8,450
P801801	Gude Landfill Remediation	61,746	2,787	18,068	40,891	11,493	12,105	10,687	5,858	748	0	0	23,598
P802101	Transfer Station Fire Detection and Suppression System	6,000	160	5,663	177	177	0	0	0	0	0	0	0
Recycling and Resource Management Subtotal:		88,096	2,947	35,631	49,518	20,120	12,105	10,687	5,858	748	0	0	32,048
Recycling and Resource Management Total:		88,096	2,947	35,631	49,518	20,120	12,105	10,687	5,858	748	0	0	32,048
Health and Human Services													
Health and Human Services													
P602201	Affordable Living Quarters	100	0	100	0	0	0	0	0	0	0	0	0
P601502	Avery Road Treatment Center *	10,016	9,124	892	0	0	0	0	0	0	0	0	0
P649187	Child Care in Schools *	3,686	3,635	51	0	0	0	0	0	0	0	0	0
P601901	Child Care Renovations	49,923	905	1,441	40,732	6,309	7,418	6,770	5,169	6,648	8,418	6,845	2,185
P602103	Emergency Homeless Shelter	17,102	6,120	10,857	125	125	0	0	0	0	0	0	0
P640902	High School Wellness Center *	6,997	4,273	2,724	0	0	0	0	0	0	0	0	0
P602102	Progress Place *	1,000	167	833	0	0	0	0	0	0	0	0	0
P602301	Restoration Center	18,688	0	0	18,688	788	1,171	10,636	5,830	263	0	0	788
P640400	School Based Health & Linkages to Learning Centers	15,482	10,300	2,208	2,974	659	1,095	695	525	0	0	0	659
Health and Human Services Subtotal:		122,994	34,524	19,106	62,519	7,881	9,684	18,101	11,524	6,911	8,418	6,845	3,632
Health and Human Services Total:		122,994	34,524	19,106	62,519	7,881	9,684	18,101	11,524	6,911	8,418	6,845	3,632
Culture and Recreation													
Libraries													
P711503	21st Century Library Enhancements Level Of Effort	12,277	4,330	2,013	5,934	989	989	989	989	989	989	0	989
P710500	Clarksburg Library	15,363	0	0	15,363	453	500	2,221	11,558	631	0	0	453

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Libraries													
P711502	Library Refurbishment Level of Effort	38,450	12,456	2,115	23,879	3,159	3,947	4,015	4,563	5,524	2,671	0	0
P711704	Noyes Library for Young Children Rehabilitation and Renovation	4,621	654	26	3,941	0	3,849	92	0	0	0	0	0
P361202	Wheaton Library and Community Recreation Center *	68,859	65,287	3,572	0	0	0	0	0	0	0	0	0
Libraries Subtotal:		139,570	82,727	7,726	49,117	4,601	9,285	7,317	17,110	7,144	3,660	0	1,442
Recreation													
P720601	Cost Sharing: MCG	42,525	32,599	3,926	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0	1,000
P720918	Good Hope Neighborhood Recreation Center *	10,745	10,324	421	0	0	0	0	0	0	0	0	0
P722301	Holiday Park Net Zero Initiative	3,079	0	0	3,079	104	2,421	554	0	0	0	0	104
P721503	Kennedy Shriver Aquatic Center Building Envelope Improvement	32,644	408	937	31,299	2,522	17,166	9,766	1,845	0	0	0	3,438
P721903	KID Museum *	3	3	0	0	0	0	0	0	0	0	0	0
P721902	Martin Luther King, Jr. Indoor Swim Center Renovation	13,472	7,842	1,611	4,019	2,592	1,427	0	0	0	0	0	0
P720100	North Bethesda Community Recreation Center	1,536	0	0	0	0	0	0	0	0	0	1,536	0
P729658	Public Arts Trust	4,296	1,548	300	2,448	408	408	408	408	408	408	0	408
P722105	Recreation Facilities Refurbishment	32,217	0	2,000	30,217	1,167	3,000	6,550	6,500	6,500	6,500	0	1,167
P720917	Recreation Facility Modernization	83	83	0	0	0	0	0	0	0	0	0	-117
P722001	Shared Agency Booking System Replacement *	700	211	489	0	0	0	0	0	0	0	0	0
P721701	South County Regional Recreation and Aquatic Center	72,072	29,412	36,887	5,773	5,773	0	0	0	0	0	0	0
P722101	Swimming Pools Slide Replacement	12,795	0	287	9,077	1,179	1,503	1,540	1,587	1,615	1,653	3,431	1,503
P721801	Wall Park Garage and Park Improvements	6,612	0	1,106	5,506	0	0	4,400	1,106	0	0	0	0
P722106	Wheaton Arts and Cultural Center	100	45	55	0	0	0	0	0	0	0	0	0
Recreation Subtotal:		232,879	82,475	48,019	97,418	14,745	26,925	24,218	12,446	9,523	9,561	4,967	7,503
Culture and Recreation Total:		372,449	165,202	55,745	146,535	19,346	36,210	31,535	29,556	16,667	13,221	4,967	8,945

Conservation of Natural Resources

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Ag Land Preservation													
P788911	Ag Land Pres Easements	20,022	10,563	6,258	3,201	526	529	532	535	538	541	0	526
	Ag Land Preservation Subtotal:	20,022	10,563	6,258	3,201	526	529	532	535	538	541	0	526
Storm Drains													
P508180	Facility Planning: Storm Drains	9,966	6,586	500	2,880	480	480	480	480	480	480	0	480
P509948	Outfall Repairs	14,525	8,818	163	5,544	924	924	924	924	924	924	0	1,848
P501470	Storm Drain Culvert Replacement	26,700	11,460	1,740	13,500	5,000	1,700	1,700	1,700	1,700	1,700	0	5,000
P500320	Storm Drain General	28,515	15,418	1,097	12,000	2,000	2,000	2,000	2,000	2,000	2,000	0	4,000
	Storm Drains Subtotal:	79,706	42,282	3,500	33,924	8,404	5,104	5,104	5,104	5,104	5,104	0	11,328
Stormwater Management													
P809319	Facility Planning: Stormwater Management	22,343	14,955	981	6,407	1,018	1,037	1,057	1,077	1,098	1,120	0	699
P807359	Misc Stream Valley Improvements	24,860	23,158	1,702	0	0	0	0	0	0	0	0	-651
P800700	Stormwater Management Facility Major Structural Repair	52,154	20,923	6,304	24,927	8,577	4,360	3,075	3,135	2,795	2,985	0	3,183
P808726	Stormwater Management Retrofit: Countywide	147,131	57,467	6,586	83,078	10,929	10,485	23,895	14,242	12,208	11,319	0	865
P801710	Wheaton Regional Dam Flooding Mitigation	4,776	628	369	3,779	1,909	1,870	0	0	0	0	0	-754
	Stormwater Management Subtotal:	251,264	117,131	15,942	118,191	22,433	17,752	28,027	18,454	16,101	15,424	0	3,342
	Conservation of Natural Resources Total:	350,992	169,976	25,700	155,316	31,363	23,385	33,663	24,093	21,743	21,069	0	15,196
Community Development and Housing													
Community Development													
P760900	Burtionsville Community Revitalization *	2,740	2,655	85	0	0	0	0	0	0	0	0	0
P761501	Colesville/New Hampshire Avenue Community Revitalization *	720	286	434	0	0	0	0	0	0	0	0	0
P762102	Countywide Facade Easement Program	4,042	92	444	3,506	416	719	672	563	568	568	0	416
P769375	Facility Planning: HCD	4,155	3,242	163	750	125	125	125	125	125	125	0	125
	Community Development Subtotal:	11,657	6,275	1,126	4,256	541	844	797	688	693	693	0	541

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Housing (MCG)													
P760100	Affordable Housing Acquisition and Preservation	416,986	237,109	47,877	132,000	22,000	22,000	22,000	22,000	22,000	22,000	0	22,000
P762101	Affordable Housing Opportunity Fund	20,000	0	14,000	6,000	6,000	0	0	0	0	0	0	6,000
	Housing (MCG) Subtotal:	436,986	237,109	61,877	138,000	28,000	22,000	22,000	22,000	22,000	22,000	0	28,000
Community Development and Housing Total:		448,643	243,384	63,003	142,256	28,541	22,844	22,797	22,688	22,693	22,693	0	28,541
Housing Opportunities Commission													
Housing (HOC)													
P091704	Demolition Fund	1,900	1,094	806	0	0	0	0	0	0	0	0	0
P809482	HOC County Guaranteed Bond Projects	50,000	4,115	45,885	0	0	0	0	0	0	0	0	0
P768047	HOC MPDU/Property Acquisition Fund	12,507	8,745	3,762	0	0	0	0	0	0	0	0	0
P767511	HOC Opportunity Housing Development Fund	4,500	1,880	2,620	0	0	0	0	0	0	0	0	0
P091501	Supplemental Funds for Deeply Subsidized HOC Owned Units	17,375	5,890	3,985	7,500	1,250	1,250	1,250	1,250	1,250	1,250	0	1,250
P092301	WSSC Sewer and Storm Line Improvements at Elizabeth Square	705	0	0	705	705	0	0	0	0	0	0	705
	Housing (HOC) Subtotal:	86,987	21,724	57,058	8,205	1,955	1,250	1,250	1,250	1,250	1,250	0	1,955
Housing Opportunities Commission Total:		86,987	21,724	57,058	8,205	1,955	1,250	1,250	1,250	1,250	1,250	0	1,955
Revenue Authority													
Miscellaneous Projects (Revenue Authority)													
P391801	Crossvines Poolesville Economic Development Project	19,907	0	14,465	5,442	5,442	0	0	0	0	0	0	0
P392301	Falls Road Golf Course Improvements	367	0	0	367	0	217	0	150	0	0	0	0
P392307	Little Bennett Golf Course	75	0	0	75	75	0	0	0	0	0	0	75
P392308	Montgomery County Airpark - Rehabilitate Runway Lighting	850	0	0	850	0	150	700	0	0	0	0	0
P392309	Montgomery County Airpark - Road Relocation	1,250	0	0	1,250	0	0	0	250	1,000	0	0	0
P391902	Montgomery County Airpark Land Acquisition - Leet-Melbrook Property	5,000	0	0	5,000	0	3,500	1,500	0	0	0	0	0
P391901	Montgomery County Airpark Land Acquisition - Merchant Tire Property	5,500	0	0	0	0	0	0	0	0	0	5,500	0

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Miscellaneous Projects (Revenue Authority)													
P392303	Montgomery County Revenue Authority Office Relocation	600	0	0	600	600	0	0	0	0	0	0	600
P392306	Needwood Golf Course	1,600	0	0	1,600	0	0	0	1,600	0	0	0	0
P392305	Northwest Golf Course	150	0	0	150	0	150	0	0	0	0	0	0
P392302	Poolesville Golf Course	1,900	0	0	1,900	1,900	0	0	0	0	0	0	1,900
P392304	Rattlewood Golf Course	100	0	0	100	0	0	0	100	0	0	0	0
Miscellaneous Projects (Revenue Authority) Subtotal:		37,299	0	14,465	17,334	8,017	4,017	2,200	2,100	1,000	0	5,500	2,575
Revenue Authority Total:		37,299	0	14,465	17,334	8,017	4,017	2,200	2,100	1,000	0	5,500	2,575
Montgomery County Public Schools													
Countywide													
P796235	ADA Compliance: MCPS	49,393	24,562	4,031	20,800	8,000	8,000	1,200	1,200	1,200	1,200	0	8,000
P816695	Asbestos Abatement: MCPS	24,680	16,293	1,517	6,870	1,145	1,145	1,145	1,145	1,145	1,145	0	1,145
P076506	Building Modifications and Program Improvements	84,603	61,218	3,385	20,000	10,000	10,000	0	0	0	0	0	10,000
P926575	Current Revitalizations/Expansions	575,481	558,436	17,045	0	0	0	0	0	0	0	0	-1,626
P746032	Design and Construction Management	104,975	69,712	5,863	29,400	4,900	4,900	4,900	4,900	4,900	4,900	0	4,900
P652303	Early Childhood Center	16,000	0	0	16,000	4,000	6,000	6,000	0	0	0	0	4,000
P652304	Emergency Replacement of Major Building Components	3,000	0	0	3,000	1,500	1,500	0	0	0	0	0	1,500
P966553	Facility Planning: MCPS	16,387	10,172	3,515	2,700	800	500	350	350	350	350	0	1,300
P016532	Fire Safety Code Upgrades	26,136	17,912	3,322	4,902	817	817	817	817	817	817	0	817
P816633	HVAC (Mechanical Systems) Replacement: MCPS	250,219	76,497	49,222	124,500	25,000	25,000	19,000	18,500	18,500	18,500	0	25,000
P975051	Improved (Safe) Access to Schools	26,510	19,780	-270	7,000	3,500	3,500	0	0	0	0	0	3,500
P546034	Land Acquisition: MCPS *	8,005	6,005	2,000	0	0	0	0	0	0	0	0	0
P652101	Major Capital Projects - Elementary	185,214	3,144	44,085	137,985	57,791	50,481	29,713	0	0	0	0	7,466
P652102	Major Capital Projects - Secondary	406,884	3,897	17,955	385,032	34,836	68,450	85,992	90,754	85,000	20,000	0	40,258

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Countywide													
P652305	Materials Management Building Relocation	22,500	0	0	22,500	2,500	10,000	10,000	0	0	0	0	2,500
P651801	Outdoor Play Space Maintenance Project	9,400	2,450	2,700	4,250	2,000	450	450	450	450	450	0	2,000
P896586	Planned Life Cycle Asset Repl: MCPS	203,129	118,824	16,429	67,876	15,000	15,000	9,469	9,469	9,469	9,469	0	15,000
P846540	Relocatable Classrooms	84,061	64,020	5,041	15,000	5,000	5,000	5,000	0	0	0	0	5,000
P056501	Restroom Renovations	47,158	19,059	10,099	18,000	3,000	3,000	3,000	3,000	3,000	3,000	0	3,000
P766995	Roof Replacement: MCPS	138,475	44,193	30,282	64,000	12,000	12,000	10,000	10,000	10,000	10,000	0	12,000
P926557	School Security Systems	67,172	30,948	22,724	13,500	3,500	2,000	2,000	2,000	2,000	2,000	0	3,500
P651641	Shady Grove Transportation Depot Replacement *	0	0	0	0	0	0	0	0	0	0	0	0
P956550	Stormwater Discharge & Water Quality Mgmt: MCPS	14,092	9,700	696	3,696	616	616	616	616	616	616	0	616
P652306	Sustainability Initiatives	12,500	0	0	12,500	5,000	7,500	0	0	0	0	0	5,000
P036510	Technology Modernization	536,775	345,251	28,866	162,658	26,846	26,964	27,237	26,843	26,795	27,973	0	26,846
Countywide Subtotal:		2,912,749	1,502,073	268,507	1,142,169	227,751	262,823	216,889	170,044	164,242	100,420	0	181,722
Individual Schools													
P651514	Ashburton ES Addition *	10,944	10,749	195	0	0	0	0	0	0	0	0	0
P651513	Bethesda-Chevy Chase HS Addition *	41,692	41,594	98	0	0	0	0	0	0	0	0	0
P652104	Bethesda-Chevy Chase/Walter Johnson Clusters ES (New)	1,195	0	0	1,195	0	0	650	545	0	0	0	0
P651515	Blair G. Ewing Center Relocation *	264	263	1	0	0	0	0	0	0	0	0	0
P651511	Burtonsville ES Addition	1,003	0	1,003	0	0	0	0	0	0	0	0	-169
P652301	Burtonsville ES Addition	14,903	0	0	14,903	550	6,610	3,852	3,891	0	0	0	1,550
P651908	Charles W. Woodward HS Reopening	181,095	6,984	52,265	121,846	35,043	43,017	30,390	13,396	0	0	0	48,860
P651901	Clarksburg Cluster ES #9 (New)	45,501	1,046	5,898	38,557	23,474	15,083	0	0	0	0	0	1,325
P651713	Clarksburg Cluster ES (Clarksburg Village Site #2) *	32,824	31,846	978	0	0	0	0	0	0	0	0	0
P116505	Clarksburg HS Addition *	10,608	10,608	0	0	0	0	0	0	0	0	0	0

* Closeout or Pending Closeout Projects

Attachment A

Expenditure Detail by Category, Sub-category, and Project (\$000s)

Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Individual Schools													
P651902	Cresthaven ES Addition *	0	0	0	0	0	0	0	0	0	0	0	0
P651909	Crown HS (New)	179,252	139	5,275	173,838	5,939	18,245	52,719	61,935	35,000	0	0	168,646
P651905	DuFief ES Addition/Facility Upgrade	2,762	1,485	1,277	0	0	0	0	0	0	0	0	0
P651518	Gaithersburg Cluster Elementary School #8	42,182	8,503	22,759	10,920	10,920	0	0	0	0	0	0	0
P652201	Grades 3-5 Elementary School for JoAnn Leleck Elementary School at Broad Acres	32,682	0	2,765	29,917	4,979	11,239	10,444	3,255	0	0	0	3,903
P652302	Greencastle ES Addition	11,995	0	0	11,995	550	5,110	2,445	3,890	0	0	0	1,550
P652001	Highland View ES Addition	16,775	0	775	16,000	2,000	6,495	4,305	3,200	0	0	0	0
P651906	John F. Kennedy HS Addition	26,578	3,667	12,138	10,773	10,773	0	0	0	0	0	0	0
P651505	Kensington-Parkwood ES Addition *	10,080	10,080	0	0	0	0	0	0	0	0	0	0
P652002	Lake Seneca ES Addition	0	0	0	0	0	0	0	0	0	0	0	-875
P651709	Montgomery Knolls ES Addition *	10,605	9,608	997	0	0	0	0	0	0	0	0	0
P651503	North Bethesda MS Addition *	21,298	21,056	242	0	0	0	0	0	0	0	0	0
P651907	Northwood HS Addition/Facility Upgrades	173,076	4,230	14,778	154,068	30,119	55,804	52,891	15,254	0	0	0	141,376
P651910	Odessa Shannon MS Addition/ Facility Upgrade	62,864	18,406	32,458	12,000	12,000	0	0	0	0	0	0	0
P651911	Parkland MS Addition	14,638	423	3,105	11,110	6,323	4,787	0	0	0	0	0	890
P651708	Pine Crest ES Addition *	8,623	8,601	22	0	0	0	0	0	0	0	0	0
P651904	Ronald McNair ES Addition	11,403	47	5,313	6,043	2,252	3,791	0	0	0	0	0	490
P651903	Roscoe Nix ES Addition *	0	0	0	0	0	0	0	0	0	0	0	0
P651502	S. Christa McAuliffe ES Addition *	10,654	10,549	105	0	0	0	0	0	0	0	0	0
P651912	Silver Spring International MS Addition	19,140	771	4,369	14,000	3,346	5,654	5,000	0	0	0	0	0
P651706	Takoma Park MS Addition *	25,186	19,489	5,697	0	0	0	0	0	0	0	0	0
P651705	Thomas W. Pyle MS Addition *	25,114	24,870	244	0	0	0	0	0	0	0	0	0
P652003	Thurgood Marshall ES Addition	0	0	0	0	0	0	0	0	0	0	0	-630

* Closeout or Pending Closeout Projects

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Individual Schools													
P651704	Walt Whitman HS Addition *	30,577	23,750	6,827	0	0	0	0	0	0	0	0	0
P652106	Watkins Mill HS Early Childhood Center *	0	0	0	0	0	0	0	0	0	0	0	0
P652107	Westbrook ES Addition	4,391	0	376	4,015	2,569	1,446	0	0	0	0	0	210
P652105	William T. Page ES Addition	20,614	0	4,872	15,742	9,182	6,560	0	0	0	0	0	791
Individual Schools Subtotal:		1,100,518	268,764	184,832	646,922	160,019	183,841	162,696	105,366	35,000	0	0	367,917
Miscellaneous Projects													
P652310	Built to Learn Act State Aid Match	58,750	0	0	58,750	0	0	5,000	17,750	20,000	16,000	0	0
P056516	MCPS Affordability Reconciliation	-37,130	0	0	-65,530	-76,700	-104,231	-54,038	8,887	56,027	104,525	28,400	-76,700
P076510	MCPS Funding Reconciliation	0	0	0	0	0	0	0	0	0	0	0	0
P652309	Prevailing Wage	40,193	0	0	40,193	6,661	6,493	8,617	11,503	6,919	0	0	40,193
P896536	State Aid Reconciliation	0	0	0	0	0	0	0	0	0	0	0	0
Miscellaneous Projects Subtotal:		61,813	0	0	33,413	-70,039	-97,738	-40,421	38,140	82,946	120,525	28,400	-36,507
Montgomery County Public Schools Total:		4,075,080	1,770,837	453,339	1,822,504	317,731	348,926	339,164	313,550	282,188	220,945	28,400	513,132
Montgomery College													
Higher Education													
P936660	ADA Compliance: College	2,103	1,256	347	500	75	125	75	75	75	75	0	75
P096600	Capital Renewal: College	34,946	16,660	5,786	12,500	1,000	3,500	2,000	2,000	2,000	2,000	0	1,000
P661401	College Affordability Reconciliation	0	0	0	-20,040	0	1,142	-3,662	-2,722	-24,582	9,784	20,040	0
P662001	Collegewide Central Plant and Distribution Systems	10,475	1,337	1,638	7,500	1,000	1,500	1,000	1,500	1,000	1,500	0	1,000
P661901	Collegewide Library Renovations	33,864	0	1,050	32,814	2,500	8,812	19,258	2,244	0	0	0	9,020
P661602	Collegewide Physical Education Renovations	22,000	10,274	2,726	9,000	1,500	1,500	1,500	1,500	1,500	1,500	0	1,500
P661801	Collegewide Road/Parking Lot Repairs and Replacements *	1,000	999	1	0	0	0	0	0	0	0	0	0
P662301	East County Campus	500	0	0	500	0	500	0	0	0	0	0	0

* Closeout or Pending Closeout Projects

Attachment A

Expenditure Detail by Category, Sub-category, and Project (\$000s)

Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Higher Education													
P056608	Elevator Modernization: College	6,534	4,931	549	1,054	200	200	54	200	200	200	0	200
P816611	Energy Conservation: College	7,718	5,647	271	1,800	300	300	300	300	300	300	0	300
P886686	Facility Planning: College	8,977	6,257	1,100	1,620	270	270	270	270	270	270	0	270
P136600	Germantown Science & Applied Studies Phase 1-Renov	41,067	39,369	1,678	20	10	10	0	0	0	0	0	0
P076612	Germantown Student Services Center	120,966	0	0	120,966	0	5,716	5,040	10,484	59,646	40,080	0	0
P856509	Information Technology: College	208,824	145,936	10,388	52,500	9,250	9,250	8,500	8,500	8,500	8,500	0	9,250
P096601	Instructional Furniture and Equipment: College	5,340	2,631	1,089	1,620	270	270	270	270	270	270	0	270
P076619	Network Infrastructure and Server Operations	54,517	25,965	5,152	23,400	4,100	4,100	3,800	3,800	3,800	3,800	0	4,100
P926659	Planned Lifecycle Asset Replacement: College	88,670	59,450	3,683	25,537	4,000	5,537	4,000	4,000	4,000	4,000	0	4,000
P906605	Planning, Design and Construction	46,350	32,103	2,747	11,500	1,900	2,000	1,900	1,900	1,900	1,900	0	1,900
P076604	Rockville Student Services Center	73,560	52,200	21,340	20	10	10	0	0	0	0	0	0
P876664	Roof Replacement: College	22,260	11,000	2,765	8,495	500	2,662	1,840	1,070	600	1,823	0	500
P076601	Site Improvements: College	22,334	17,920	114	4,300	700	790	610	800	700	700	0	700
P076617	Student Learning Support Systems	26,820	16,146	1,674	9,000	1,700	1,700	1,400	1,400	1,400	1,400	0	1,700
P076607	Takoma Park/Silver Spring Math and Science Center	94,002	42,926	28,594	22,482	22,482	0	0	0	0	0	0	0
	Higher Education Subtotal:	932,827	493,007	92,692	327,088	51,767	49,894	48,155	37,591	61,579	78,102	20,040	35,785
	Montgomery College Total:	932,827	493,007	92,692	327,088	51,767	49,894	48,155	37,591	61,579	78,102	20,040	35,785

M-NCPPC

Acquisition

P767828	Acquisition: Local Parks *	9,369	7,165	2,204	0	0	0	0	0	0	0	0	0
P998798	Acquisition: Non-Local Parks *	22,105	9,812	12,293	0	0	0	0	0	0	0	0	0
P727007	ALARF: M-NCPPC	23,798	16,798	1,000	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0	0
P872002	Bethesda Park Impact Payment	18,000	7,050	7,950	3,000	3,000	0	0	0	0	0	0	3,000

* Closeout or Pending Closeout Projects

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Acquisition													
P018710	Legacy Open Space	100,000	77,209	4,769	13,378	2,020	2,050	1,974	2,641	2,452	2,241	4,644	2,020
P872104	Legacy Urban Space	150,000	0	7,875	21,000	3,500	3,500	3,500	3,500	3,500	3,500	121,125	3,500
P872201	Mid-County Park Benefit Payments	3,500	0	2,500	1,000	500	500	0	0	0	0	0	500
P872301	Park Acquisitions	8,400	0	0	8,400	1,400	1,400	1,400	1,400	1,400	1,400	0	1,400
Acquisition Subtotal:		335,172	118,034	38,591	52,778	11,420	8,450	7,874	8,541	8,352	8,141	125,769	10,420
Development													
P128701	ADA Compliance: Local Parks	10,267	3,387	2,150	4,730	880	800	800	750	750	750	0	880
P128702	ADA Compliance: Non-Local Parks	12,748	5,119	1,629	6,000	1,000	1,000	1,000	1,000	1,000	1,000	0	1,000
P008720	Ballfield Initiatives	24,022	6,301	3,921	13,800	2,300	2,300	2,300	2,300	2,300	2,300	0	2,300
P872101	Black Hill Regional Park: SEED Classroom	650	0	500	150	150	0	0	0	0	0	0	0
P872105	Blair HS Field Renovations and Lights	2,900	0	1,400	1,500	1,500	0	0	0	0	0	0	1,500
P078702	Brookside Gardens Master Plan Implementation	11,911	10,205	256	1,450	950	500	0	0	0	0	0	1,450
P977748	Cost Sharing: Local Parks	1,001	476	75	450	75	75	75	75	75	75	0	75
P761682	Cost Sharing: Non-Local Parks	656	306	50	300	50	50	50	50	50	50	0	50
P138701	Elm Street Urban Park *	1,613	211	460	0	0	0	0	0	0	0	942	0
P998710	Energy Conservation - Local Parks	1,347	386	261	700	100	100	125	125	125	125	0	100
P998711	Energy Conservation - Non-Local Parks	1,620	281	139	1,200	200	200	200	200	200	200	0	200
P998773	Enterprise Facilities' Improvements	38,477	8,665	6,597	3,215	0	0	750	2,465	0	0	20,000	0
P098702	Evans Parkway Neighborhood Park *	3,651	3,651	0	0	0	0	0	0	0	0	0	0
P957775	Facility Planning: Local Parks	5,129	1,965	764	2,400	400	400	400	400	400	400	0	400
P958776	Facility Planning: Non-Local Parks	4,508	1,355	953	2,200	500	500	300	300	300	300	0	500
P078704	Germantown Town Center Urban Park *	7,806	7,597	209	0	0	0	0	0	0	0	0	0
P078705	Greenbriar Local Park *	4,407	4,395	12	0	0	0	0	0	0	0	0	0

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Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Development													
P871742	Hillandale Local Park	5,700	1,053	4,147	500	500	0	0	0	0	0	0	0
P871552	Josiah Henson Historic Park *	7,712	6,924	788	0	0	0	0	0	0	0	0	0
P138702	Kemp Mill Urban Park *	5,810	5,801	9	0	0	0	0	0	0	0	0	0
P038703	Laytonia Recreational Park *	12,579	12,099	480	0	0	0	0	0	0	0	0	0
P138703	Little Bennett Regional Park Day Use Area *	14,567	21	29	0	0	0	0	0	0	0	14,517	0
P871747	M-NCPPC Affordability Reconciliation	-19,392	0	0	-19,392	-2,502	-3,652	-4,887	-2,794	-2,810	-2,747	0	-2,502
P998799	Minor New Construction - Local Parks	6,479	1,760	1,769	2,950	450	500	500	500	500	500	0	450
P998763	Minor New Construction - Non-Local Parks	9,485	2,779	1,306	5,400	900	900	900	900	900	900	0	900
P871541	North Branch Trail	4,672	761	2,959	952	952	0	0	0	0	0	0	0
P078706	North Four Corners Local Park *	4,304	4,301	3	0	0	0	0	0	0	0	0	0
P118704	Northwest Branch Recreational Park-Athletic Area	4,950	183	167	750	0	0	0	250	250	250	3,850	0
P871745	Ovid Hazen Wells Recreational Park	8,200	276	1,600	6,324	2,500	2,550	1,274	0	0	0	0	0
P871902	Park Refreshers	43,060	2,592	12,913	27,555	4,570	4,271	4,395	4,920	4,799	4,600	0	4,570
P967754	Planned Lifecycle Asset Replacement: Local Parks	51,111	17,335	9,862	23,914	4,075	4,075	4,040	4,040	3,811	3,873	0	4,075
P968755	Planned Lifecycle Asset Replacement: NL Parks	58,722	11,927	10,415	36,380	5,830	6,330	6,430	5,930	5,930	5,930	0	5,830
P078701	Pollution Prevention and Repairs to Ponds & Lakes	15,339	5,289	2,850	7,200	1,200	1,200	1,200	1,200	1,200	1,200	0	1,200
P872202	Power Line Trail	10,000	0	800	9,200	3,350	3,700	2,150	0	0	0	0	0
P808494	Restoration Of Historic Structures	7,026	1,946	1,540	3,540	500	500	635	635	635	635	0	500
P118702	Rock Creek Maintenance Facility *	9,655	9,628	27	0	0	0	0	0	0	0	0	0
P048703	Rock Creek Trail Pedestrian Bridge *	7,943	7,094	849	0	0	0	0	0	0	0	0	0
P871746	S. Germantown Recreational Park: Cricket Field	5,418	2,194	106	3,118	195	786	1,780	357	0	0	0	981
P058755	Small Grant/Donor-Assisted Capital Improvements	12,386	2,865	2,921	6,600	1,100	1,100	1,100	1,100	1,100	1,100	0	1,100
P818571	Stream Protection: SVP	22,349	3,317	4,532	14,500	1,750	2,650	4,250	3,950	950	950	0	1,750

* Closeout or Pending Closeout Projects

Attachment A

Expenditure Detail by Category, Sub-category, and Project (\$000s)

Project #	Project Name	Total	Thru FY21	Est FY22	6 Year Total	FY 23	FY 24	FY 25	FY 26	FY 27	FY 28	Beyond 6 Yrs	FY 23 Approp. Request
Development													
P768673	Trails: Hard Surface Design & Construction	7,508	2,813	1,195	3,500	500	550	550	600	650	650	0	500
P888754	Trails: Hard Surface Renovation	11,286	2,775	2,411	6,100	900	950	1,000	1,050	1,100	1,100	0	900
P858710	Trails: Natural Surface & Resource-based Recreation	6,488	2,337	1,151	3,000	500	500	500	500	500	500	0	500
P871540	Urban Park Elements	7,050	721	1,829	4,500	250	750	1,250	750	750	750	0	250
P871905	Vision Zero	4,800	317	1,483	3,000	500	500	500	500	500	500	0	500
P118703	Warner Circle Special Park	6,177	975	250	0	0	0	0	0	0	0	4,952	0
P871904	Wheaton Regional Park Improvements	14,010	0	0	14,010	350	2,200	2,000	3,460	3,000	3,000	0	2,550
P138705	Woodside Urban Park *	885	797	88	0	0	0	0	0	0	0	0	0
Development Subtotal:		498,992	165,180	87,855	201,696	36,475	36,285	35,567	35,513	28,965	28,891	44,261	32,509
M-NCPPC Total:		834,164	283,214	126,446	254,474	47,895	44,735	43,441	44,054	37,317	37,032	170,030	42,929
Grand Total:		13,468,008	6,005,238	1,532,533	5,057,244	863,876	867,030	855,845	895,760	862,241	712,492	872,993	976,867

* Closeout or Pending Closeout Projects

Attachment B: Top 100 Transportation CIP Priorities

2021 Priority	2019 Priority	Category	Project	Comments	Primary Master Plan	Master Plan	Area Team*	Positive Effect to Equity Focus Areas	Positive Effect to High Injury Network (Vision Zero)
1	1	Transit	MD 355 BRT	CTCFMP, includes improved transit access	Multiple	Clarksburg, Clarksburg - Ten Mile Creek, Shady Grove, Gaithersburg Vic., Bethesda Downtown Plan, Woodmont Triangle, B-CC, NB-GP, WF, Twinbrook, CTCFMP	Countywide	Yes	Yes
2	2	Transit	Veirs Mill Road BRT Alternative 2.5	Intersection Improvements and queue jumps	Veirs Mill Corridor MP	Veirs Mills Corridor MP, CTCFMP	MCP	Yes	Yes
3	3	Road improvements	Georgia Ave Improvement Design - Montgomery Hills	Design of traffic signal improvements, addition of center median and elimination of reversible lane. May include improvements to the MD 97/I-495 ramps.	Forest Glen/Montgomery Hills	Forest Glen/Montgomery Hills, North and West Silver Spring, Kensington-Wheaton	DCP,MCP	No	No
4	4	Bikeway	Capital Crescent Trail Breezeway (Woodmont Ave to Elm Street Park)	Surface Routes and Tunnel Route	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016, Bicycle Master Plan	DCP	No	Yes
5	5	Transportation Safety	Vision Zero Projects - Design and implement safety countermeasures on identified high-risk and Vision Zero priority road segments and intersections. This includes state highways, county roads, and Park roads.	In coordination between MCDOT, MDOT SHA and M-NCPPC. Recommend creation of Vision Zero-focused CIP Project numbers to track these initiatives. Funding should be sufficient to study, design, and construct the projects listed in the 2030 Vision Zero Plan, Action Item S-1.	Countywide	Countywide	Countywide	Yes	Yes
6	6	Road Construction	White Flint East & West transportation network improvements	Rockville Pike, Executive Blvd Extended East, Nebel Street, Bridge across WMATA tracks, and future MacGrath Blvd	White Flint	White Flint	MCP	No	Yes
7	7	Transit	Forest Glen Pedestrian Tunnel	Existing CIP Project. Recommend advancing timeline to complete project construction within current 6 years Includes sidewalk improvements along Forest Glen Road east of Georgia Avenue to Dameron Drive/opposite Hospital entrance.	Forest Glen/Montgomery Hills	Forest Glen/Montgomery Hills	MCP	No	Yes
8	8	Transit	White Flint Metro North Entrance	Funding needed for construction	White Flint	White Flint	MCP	No	Yes
9	9	Bikeway	Montgomery Ave Separated Bike Lanes (Pearl St to East West Hwy)	Tier 0.5 Priority in Bicycle Master Plan. Project funded in CIP Project #P501532	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016, Bicycle Master Plan	DCP	No	Yes
10	11	Bikeway	Protected intersections	Recommended for all intersections with separated bike lanes and on-street parking.	Countywide	Bicycle Master Plan	Countywide	Yes	Yes
11	13	Bikeway	City of Rockville to Friendship Heights Breezeway (Old Georgetown Rd to Strathmore St)	Tier 0.5 Priority in Bicycle Master Plan. Project funded in CIP Project #P501532	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016, Bicycle Master Plan	DCP	No	Yes
12	14	Bikeway	Woodmont Ave Separated Bike Lanes (Strathmore St to Wisconsin Ave)	Tier 0.5 Priority in Bicycle Master Plan. Project funded in CIP Project #P501532	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016, Bicycle Master Plan	DCP	No	Yes

Attachment B: Top 100 Transportation CIP Priorities

2021 Priority	2019 Priority	Category	Project	Comments	Primary Master Plan	Master Plan	Area Team*	Positive Effect to Equity Focus Areas	Positive Effect to High Injury Network (Vision Zero)
13	15	Road Construction	Burtonsville Rear Business Access Road (north of MD 198)	Phase I feasibility study completed. Phase II scheduled. New street with a narrow right of way, on-street parking, streetscape compatible with elementary school (see Master Plan, page 21)	Burtonsville Crossroads	Burtonsville Crossroads, Fairland	UCP	No	No
14	17/18	Bikeway	16th Street Road Diet and Separated Bike Lanes	Reduce 16th Street between Georgia Avenue and DC line from 6 travel lanes to 4. Project will reduce pedestrian crossing distance at future Woodside Purple Line Station and at Spring Street, reduce travel speeds and provide room for on-street separated bike lanes.	Greater Lyttonsville	Greater Lyttonsville Sector Plan 2016, Forest Glen/Montgomery Hills Sector Plan 2020	DCP	Yes	No
15	21	Pedestrian	16th Street/Woodside Station Pedestrian Crossing (Related to two 16th Street projects)	At the time the Purple Line Station opens, SHA should evaluate the designated pedestrian crossing site as a potential location of a traffic signal or other traffic control device.	Greater Lyttonsville	Greater Lyttonsville Sector Plan 2016	DCP	Yes	No
16	22	Pedestrian	Lyttonsville Station Brookville Road Entrance	At the time the Purple Line Station opens MCDOT should evaluate the designated pedestrian crossing site as a potential location of a traffic signal or another traffic control device. To further improve pedestrian safety between the future Purple Line station and the Forest Glen Annex, the sidewalk on the southwest side of Stewart Lane, between Brookville Rd and the CCT should be widened to a min width of 10'.	Greater Lyttonsville	Greater Lyttonsville Sector Plan 2016	DCP	Yes	No
17	--	Bikeway	Trial Bikeway Demonstration Projects	Create CIP project to advance road diet/bike lane demonstration projects, similar to the University Blvd project implemented by MDOT SHA.	Countywide	Bicycle Master Plan	Countywide	Yes	Yes
18	24	Pedestrian	Sidewalks access to transit along New Hampshire Ave	Pending Purple Line and Takoma/ Langley Crossroads plans	East Silver Spring	East Silver Spring	DCP	Yes	Yes
19	12	Road Construction	MD 355 Corridor Study Little Seneca Parkway to Shawnee Lane	MDOT SHA completed study requested by MCDOT on MD 355 between Milestone Manor Road and Little Seneca Parkway. Study for section between Little Seneca Parkway and Shawnee Lane still needed.	Clarksburg	Clarksburg	UCP	No	No
20	25	Transit	Corridor Cities Transitway	Acquire right-of-way for Corridor Cities Transitway. Planning and design underway. From CLRP.	Multiple	Clarksburg, Ten Mile Creek, GSSC, Shady Grove, Germantown, Germantown EASP, CTCFMP	MCP,UCP	Yes	Yes
21	26	Transit	New Hampshire Avenue BRT	CTCFMP, includes improved transit access Needed to support GSA FDA Expansion	Multiple	Takoma, T-L Crossroads, WOSG, CTCFMP	DCP	Yes	Yes
22	28	Bikeway	City of Rockville to Friendship Heights Breezeway (Battery Ln to Old Georgetown Rd)	Tier 0.5 Priority in Bicycle Master Plan. Project funded in CIP Project #P501532	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016, Bicycle Master Plan	DCP	No	No

Attachment B: Top 100 Transportation CIP Priorities

2021 Priority	2019 Priority	Category	Project	Comments	Primary Master Plan	Master Plan	Area Team*	Positive Effect to Equity Focus Areas	Positive Effect to High Injury Network (Vision Zero)
23	29	Bikeway	Fenton St Separated Bike Lanes (Ellsworth Dr to Wayne Ave)	Tier 0.5 Priority in Bicycle Master Plan. Project funded in CIP Project #P502001	Silver Spring CBD	Silver Spring CBD, Bicycle Master Plan	DCP	Yes	Yes
24	36	Bikeway	Glenmont to Silver Spring Breezeway (Arcola Ave to Blueridge Ave)	Tier 1 Priority in Bicycle Master Plan. Project funded in CIP Project #P502002	Wheaton CBD	Kensington-Wheaton, Bicycle Master Plan	MCP	Yes	Yes
25	30	Bikeway	Fenton St Separated Bike Lanes (Wayne Ave to King St)	Tier 0.5 Priority in Bicycle Master Plan. Project funded in CIP Project #P502001	Silver Spring CBD	Silver Spring CBD, Bicycle Master Plan	DCP	Yes	Yes
26	20/27	Road Widening	I-495 (Capital Beltway) HOV between the American Legion Bridge and the I-270 Western Spur	Extend HOV lanes south of I-270 West Spur. Under Study by MDOT SHA as part of Managed Lanes Study		Bethesda-Chevy Chase, Potomac	DCP,MCP	No	No
27	40	Bikeway	Glenmont to Silver Spring Breezeway (Blueridge Ave to University Blvd)	Tier 1 Priority in Bicycle Master Plan. Project funded in CIP Project #P502002	Wheaton CBD	Wheaton CBD, Bicycle Master Plan	MCP	Yes	Yes
28	16/32/38	Road Widening	I-270 Widening to 6 lanes from MD 121 to the County Line. Widen to 8 lanes from Little Seneca Creek to MD 121. Could be replaced by Phase 1B of Managed Lanes project (City of Frederick to I-370)	From CLRP. In 2017 joint priorities letter. Under Study by MDOT SHA as part of Managed Lanes Study	Clarksburg	Clarksburg, Clarksburg - Ten Mile Creek	UCP	No	No
29	33	Pedestrian	Dale Drive Sidewalk	Recommend advancement of project into Preliminary Design. Currently funded for Facility Planning only Project #P509337	North and West Silver Spring	North and West Silver Spring	DCP	No	No
30	34	Transit	Boyd's Station, Bus Loop, and Parking	Acquire the for-sale Anderson property north of the MARC station for station facilities, bus loop, and additional parking. MTA may help fund. Current funding for property acquisition only - Project #P501915	MARC Rail Communities	MARC Rail Communities Sector Plan	UCP	No	No
31	35	Road Improvements	Redesign Wisconsin Avenue as an urban boulevard	Redesign the road to conform to Urban Road Code and make room for BRT operations. Options included dedicated lanes (curb and median), stations (curb and median), and BAT lanes. Wider sidewalks and buffers are also included. For transportation purposes, the Urban Boulevard concept envisions a pedestrian through zone of 10-20ft with a planting/furnishing zone of 6-10ft.	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016	DCP	No	Yes
32	37	Road Diet	Middlebrook Road	Germantown Road to Great Seneca Highway. MCDOT implemented SB direction only	MARC Rail Communities	MARC Rail Communities Sector Plan	UCP	Yes	Yes
33	--	Pedestrian	Level-of-Effort Sidewalk Retrofit Program	Demand for sidewalk retrofits in the County far exceeds MCDOT's ability to construct. To improve countywide Pedestrian Level of Comfort and achieve Pedestrian Master Plan connectivity goals, the budget for this program should be greatly increased.	Countywide	Countywide	Countywide	Yes	Yes

Attachment B: Top 100 Transportation CIP Priorities

2021 Priority	2019 Priority	Category	Project	Comments	Primary Master Plan	Master Plan	Area Team*	Positive Effect to Equity Focus Areas	Positive Effect to High Injury Network (Vision Zero)
34	--	Road Widening	MD 355 Improvements - Milestone Manor Road to Little Seneca Parkway	MDTO SHA completed study 2021	Clarksburg	Clarksburg	UCP	No	No
35	39	Road Construction	Pearl Street Connector	Supported as a connection in Bicycle Master Plan	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016	DCP	No	No
36	31	Bikeway	Glenmont to Silver Spring Breezeway (Georgia Ave to Arcola Ave)	Tier 1 Priority in Bicycle Master Plan. Project funded in CIP Project #P502002 between Arcola Ave and Dawson Ave	Wheaton CBD	Wheaton CBD, Kensington-Wheaton, Bicycle Master Plan	MCP	Yes	Yes
37	--	Pedestrian	Improve existing trail crossings on state and county roads and provide protected crossings where warranted. Create new CIP project at the county level for MCDOT trail crossing improvements.	Projects included have been identified in Montgomery Parks Trail Crossing Study.	Countywide	Countywide	Countywide	Yes	Yes
38	41	Road Construction	Observation Drive Extended (A-19) between Waters Discovery Lane and Little Seneca Parkway	Construction of this road up to Little Seneca Parkway found to have benefits in MDOT SHA MD 355 Corridor Study (2021)	Clarksburg	Clarksburg, Clarksburg - Ten Mile Creek, Germantown, Germantown EASP	UCP	No	No
39	--	Pedestrian	Matthew Henson Trail Overpass at Veirs Mill Road (MD 586)	Improve the Matthew Henson Trail crossing with a protected crossing that eliminates conflicts and has a high rate of compliance, a direct crosswalk and additional pedestrian-scale lighting.	Veirs Mill Corridor MP	Veirs Mill Corridor MP	MCP	Yes	Yes
40	42	Interchange Improvements	Georgia Avenue (MD97) at Norbeck Road (MD28)	Construct a grade-separated interchange at intersection of Georgia Ave and Norbeck Rd. SHA has completed a facility planning study; waiting for construction funding. From CLRP. In 2017 joint priorities letter	Kensington/Wheaton	Olney, Aspen Hill	MCP,UCP	No	Yes
41	43	Transit	Georgia Avenue North BRT	Wheaton CBD to Olney	Multiple	Wheaton, Glenmont, Aspen Hill, Olney	MCP,UCP	Yes	Yes
42	44	Bridge	Dorsey Mill Bridge and Road (B-14)	Crystal Rock Drive to Observation Drive. Intended accommodate the CCT in the median. In design.	Germantown Employment Area	Germantown Employment Area, CTCFMP	UCP	No	No
43	45	Road Construction	Dorsey Mill CCT station - direct access from I-270	The Plan recommends direct access to the Dorsey Mill station to and from north I-270 through direct access ramps at the interchange or a revision to the Father Hurley Boulevard interchange.	Germantown Employment Area	Germantown Employment Area, CTCFMP	UCP	No	No
44	46	Interchange Improvements	Little Seneca Parkway Extended or Newcut Road/I-270 Interchange	Not programmed. In CLRP.	Ten Mile Creek	Clarksburg, Ten Mile Creek	UCP	No	No
45	47	Transit	White Flint MARC Rail Station and Service	MDOT - conduct a feasibility study for an infill MARC station along the Brunswick Line and determine if a MARC station should be located in the plan area	White Flint	White Flint	MCP	Yes	No
46	48	Bikeway	Castle Blvd (Castle Ridge Cir to Briggs Chaney Rd)	Tier 1 Priority in Bicycle Master Plan.	Fairland	Bicycle Master Plan, Fairland	UCP	Yes	No

Attachment B: Top 100 Transportation CIP Priorities

2021 Priority	2019 Priority	Category	Project	Comments	Primary Master Plan	Master Plan	Area Team*	Positive Effect to Equity Focus Areas	Positive Effect to High Injury Network (Vision Zero)
47	--	Road Diet	Expand the consideration and application of Road Diets/Open Streets/Multimodal Access Improvements on County roads (including Park roads)	Parks projects included have been identified in Montgomery Parks Countywide Park Trails Master Plan and on-going Vision Zero analysis.	Countywide	Countywide	Countywide	Yes	Yes
48	78/79	Bikeway	Grandview Ave Neighborhood Greenway (Arcola Ave to University Blvd)	Tier 1 Priority in Bicycle Master Plan.	Wheaton CBD	Wheaton CBD, Kensington-Wheaton, Bicycle Master Plan	MCP	Yes	Yes
49	52	Road Construction	New Road (B-25)	Seneca Meadows Pkwy to Milestone Center Court. This new road would also carry the eastern leg of the CCT over Ridge Road.	Germantown Employment Area	Germantown Employment Area, CTCFMP	UCP	No	No
50	53/55	Bikeway	Greenwood Ave Neighborhood Greenway (Wabash Ave to Piney Brnch)	Tier 1 Priority in Bicycle Master Plan.	Long Branch	Bicycle Master Plan, Takoma Park, Silver Spring East	DCP	Yes	No
51	54	Pedestrian	Oakview Drive pedestrian and transit access	Improve pedestrian and transit access along Oakview Drive	East Silver Spring	East Silver Spring	DCP	Yes	Yes
52	56	Bikeway	Germantown Town Center BiPPA	Advance planning for Germantown Town Center BiPPA . Add to current CIP Project # P501532.	Germantown Employment Area	Germantown/ Germantown Employment Area	UCP	Yes	Yes
53	57	Bridge	Old Columbia Pike Bridge at Paint Branch	Bridge and roadway reconstruction	White Oak Science Gateway	White Oak Science Gateway	MCP	Yes	Yes
54	58	Pedestrian	Sidewalk construction on "Community Connector Streets"	The streets identified should have sidewalk on at least one side of the street and wayfinding signs to guide pedestrians to their destinations	Greater Lyttonsville	Greater Lyttonsville Sector Plan 2016	DCP	Yes	No
55	59	Bikeway	Veirs Mill Rd (MD 586) Neighborhood Greenway (Glorus Pl to Veirs Mill Rd)	Tier 1 Priority in Bicycle Master Plan.	Veirs Mill Corridor MP	Veirs Mill Corridor Master Plan, Bicycle Master Plan,	MCP	Yes	Yes
56	60	Bikeway	Flower Ave to University Blvd Neighborhood Greenway (Flower Ave to University Blvd)	Tier 1 Priority in Bicycle Master Plan.	Long Branch	Long Branch Sector Plan, Bicycle Master Plan	DCP	Yes	Yes
57	61	Road Construction	Locbury Drive (B-5)	Wisteria Drive to Middlebrook Drive. Construct new road to connect existing Locbury Drive north of Middlebrook to Waters Road.	Germantown Employment Area	Germantown Employment Area, Germantown	UCP	Yes	Yes
58	62	Transit	Georgia Avenue South BRT	CTCFMP, includes improved transit access.	Multiple	SS CBD, North & West SS, Wheaton	DCP,MCP	Yes	Yes
59	63	Bikeway	Selfridge Rd Neighborhood Greenway (Aspen Hill Rd to Veirs Mill Rd)	Tier 1 Priority in Bicycle Master Plan.	Veirs Mill Corridor MP	Veirs Mill Corridor Master Plan, Bicycle Master Plan,	MCP	Yes	No
60	64/98	Pedestrian	Provide a sidewalk and bikeway along Redland Road between MD 200 and Briardale Road.	Currently, walking to Metro or nearby parks is challenging and unpleasant due to the lack of sidewalks and streetscape improvements.	Shady Grove	Shady Grove	MCP	Yes	No
61	65	Bikeway	Friendship Blvd Separated Bike Lanes (Willard Ave to District of Columbia)	Tier 0.5 Priority in Bicycle Master Plan.	Friendship Heights	Friendship Heights CBD, Bicycle Master Plan	DCP	No	No

Attachment B: Top 100 Transportation CIP Priorities

2021 Priority	2019 Priority	Category	Project	Comments	Primary Master Plan	Master Plan	Area Team*	Positive Effect to Equity Focus Areas	Positive Effect to High Injury Network (Vision Zero)
62	66	Transit	University Boulevard BRT	CTCFMP, includes improved transit access	Multiple	Takoma Park, T-L Crossroads, Long Branch, Four Corners, K- W, Wheaton	DCP,MCP	Yes	Yes
63	67	Road Improvements	Burtonsville Road (MD198)	Widen Burtonsville Road (MD198) to 4-lane divided highway from Old Columbia Road to US29 and add bike and ped improvements. From CLRP and per Burtonsville Crossroads MP.	Burtonsville Crossroads	Burtonsville Crossroads	UCP	No	No
64	83	Transit	Randolph Road BRT	CTCFMP, includes improved transit access	Multiple	WOSG, Fairland-Briggs-Chaney, Glenmont, K-W, WF	MCP,UCP	Yes	Yes
65	--	Transit	North Bethesda Transitway	CTCFMP, Corridor Forward MP includes improved transit access	Rock Spring	Rock Spring, Potomac, NB-GP	MCP	No	No
66	68	Bikeway	Marinelli Rd Separated Bike Lanes (Executive Blvd to Woodglan Dr)	Tier 0.5 Priority in Bicycle Master Plan., Project funded in CIP Project # P507596	White Flint	White Flint, Bicycle Master Plan,	MCP	No	No
67	--	Pedestrian	Introduce additional protected crossings along Veirs Mill Road	Veirs Mill Road and Andrew Street; Veirs Mill Road and Norris Drive; Veirs Mill Road and Arbutus Avenue; Veirs Mill Road and Galt	Veirs Mill Corridor MP	Veirs Mill Corridor MP	MCP	Yes	Yes
68	69	Bikeway	Cherry Hill Rd Separated Bike Lanes (Prosperity Dr to Prince George's County)	Tier 1 Priority in Bicycle Master Plan.	White Oak Science Gateway	White Oak Science Gateway, Bicycle Master Plan,	MCP	No	No
69	70	Road Improvements	Redesign of River Rd with median	Median: to accommodate left turns and ped refuge area Separated bike lane: 11' two-way on north side,	Westbard	Westbard Sector Plan 2016	DCP	No	No
70	71	Bikeway	Arlington Rd Separated Bike Lanes (Old Georgetown Rd to Bradley Blvd)	Tier 0.5 Priority in Bicycle Master Plan.	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016, Bicycle Master Plan	DCP	No	Yes
71	72	Road Improvements	Reconfigure E-W Hwy, Montgomery Ln Old Georgetown Rd and Woodmont Ave into two-way street	Conversion would slow vehicular traffic, improve bicycle accommodation and enliven streets for pedestrians. Would also make car	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016	DCP	No	Yes

Attachment B: Top 100 Transportation CIP Priorities

2021 Priority	2019 Priority	Category	Project	Comments	Primary Master Plan	Master Plan	Area Team*	Positive Effect to Equity Focus Areas	Positive Effect to High Injury Network (Vision Zero)
72	73/74	Bikeway	Edgemoor Ln Neighborhood Greenway (Exeter Rd to Bethesda Metro Station)	Tier 0.5 Priority in Bicycle Master Plan.	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016, Bicycle Master Plan	DCP	No	No
73	49	Bikeway	ICC Bikeway	Support extension of existing ICC bikeway with expansion of bikeway between Emory Lane and the Prince George's County line; would provide		Bicycle Master Plan	UCP	Yes	No
74	41	Road Construction	Observation Drive Extended (A-19) between Little Seneca Parkway and Shawnee Lane	Additional study needed per previous Planning Board recommendations with re-assessment of Clarksburg Bypass	Clarksburg	Clarksburg, Clarksburg - Ten Mile Creek, Germantown, Germantown EASP	UCP	No	No
75	75	Pedestrian	Redesign Norfolk Ave as a shared street	A portion of Norfolk Ave within the Woodmont Triangle be improved as a shared street with	Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016	DCP	No	No
76	76	Bikeway	Broadbirch Dr Separated Bike Lanes (Tech Rd to Cherry Hill Rd)	Tier 1 Priority in Bicycle Master Plan.	White Oak Science Gateway	Bicycle Master Plan, White Oak Science Gateway	MCP	No	No
77	--	Bikeway	Briggs-Chaney Rd (North Side) Sidepath (Old Columbia Pike to ICC	In Support of Fairland Briggs Chaney	Fairland/Briggs-Chaney		UCP	Yes	No
78	77	Transit	Circulator Bus Route - Downtown Bethesda		Bethesda Downtown Plan	Bethesda Downtown Sector Plan 2016	DCP	No	Yes
79	50	Road Construction	Midcounty Highway (M-83) from Ridge Road to Montgomery Village Avenue	No current plans by MCDOT to advance	Montgomery Village	Montgomery Village, Clarksburg, Clarksburg - Ten Mile Creek, Germantown,	UCP	No	No
80	80	Transit	Extend regional bus service to connect to Prince George's County	Extend regional bus service to include connections between major activity centers along US 29 and Prince George's County.	Fairland	Fairland	UCP	Yes	No
81	--	Bikeway	Germantown Road (North Side) Sidepath (Clopper Rd to Middlebrook Rd)	Advance for equity	Germantown Employment Area	Germantown Employment Area	UCP	Yes	No
82	81	Bikeway	Grandview Ave Separated Bike Lanes (University Blvd to Reddie Dr)	Tier 1 Priority in Bicycle Master Plan.	Wheaton CBD	Wheaton CBD, Bicycle Master Plan	MCP	Yes	Yes
83	--	Bikeway	Montgomery Village Ave (east Side Sidepath (Wrightman Rd to Stedwick	Advance for equity	Montgomery Village	Montgomery Village	MCP	Yes	No
84	82	Pedestrian	Olney Sandy Spring Rd	Improve pedestrian access within walking distance of the village centers.	Sandy Spring/Ashton	Sandy Spring/Ashton	UCP	No	No
85	--	Bikeway	Montgomery Village Ave (east Side Sidepath (Stedwick Rd to City of	Advance for equity	Montgomery Village	Montgomery Village	MCP	Yes	No
86	84	Road Construction	Crabbs Branch Way extension	Facility Planning Study to extend Crabbs Branch Way to Amity Drive	Shady Grove	Shady Grove	MCP	No	No
87	--	Bikeway	Piney Branch Rd (MD 320) Separated Bike Lanes (University Blvd to Prince George's Co Line)	Advance for equity	Long Branch	Long Branch, Silver Spring East	DCP	Yes	Yes

Attachment B: Top 100 Transportation CIP Priorities

2021 Priority	2019 Priority	Category	Project	Comments	Primary Master Plan	Master Plan	Area Team*	Positive Effect to Equity Focus Areas	Positive Effect to High Injury Network (Vision Zero)
88	85	Pedestrian	Construct shared-use path on Westbard Ave from Westbard Cir to	Median: 6' for ped refuge	Westbard	Westbard Sector Plan 2016	DCP	No	No
89	--	Bikeway	Scenery Drive Sidepath (Germantown Rd to Frederick Rd)	Advance for equity	Germantown Employment Area	Germantown Employment Area	UCP	Yes	Yes
90	86	Bikeway	Life Sciences Center Loop (Key West Ave to Great Seneca Hwy)	Trigger for Phase 2 GSSC Master Plan	Great Seneca Science Corridor	Great Seneca Science Corridor Master Plan, Bicycle Master Plan	MCP	No	No
91	89	Bikeway	Glenmont to Silver Spring Breezeway (Cameron St to Ellsworth Dr)	Tier 1 Priority in Bicycle Master Plan.	Silver Spring CBD	Silver Spring CBD, Bicycle Master Plan	DCP	Yes	Yes
92	90	Road Widening	Norbeck Road (MD 28)	Master Plan calls for 4-lane divided highway between Georgia Avenue and New Hampshire Avenue. From CLRP. (part of MD SHA	Kensington/Wheaton	Olney, Aspen Hill, Cloverly	MCP,UCP	No	No
93	92	Bikeway	Wayne Ave to Fenton St Neighborhood Greenway (Wayne Ave to Fenton St)	Tier 0.5 Priority in Bicycle Master Plan.. Project funded in CIP Project # P501532	Silver Spring CBD	Silver Spring CBD, Bicycle Master Plan	DCP	Yes	Yes
94	93	Bikeway	Glenmont to Silver Spring Breezeway (Columbia Blvd to Spring St)	Tier 1 Priority in Bicycle Master Plan.	Silver Spring CBD	North and West Silver Spring, Bicycle Master Plan	DCP	No	No
95	--	Pedestrian	Sidewalk gap on Shady Grove Road	Install a sidewalk on the north side of Shady Grove Road where gaps exist between Crabbs Branch and Midcounty Highway; this segment is	Shady Grove Minor MP	Shady Grove Minor MP	MCP	Yes	Yes
96	97	Bikeway	Frederick Rd Sidepath (Snowden Farm Pkwy to Stringtown Rd)	Currently under design. Tier 1 Priority in Bicycle Master Plan. Project funded in CIP Project #P501744	Clarksburg	Clarksburg, Ten-Mile Creek, Bicycle Master Plan	UCP	No	No
97	--	Bikeway	13th Street/Burlington Ave Separated Bike Lanes (DC Line to Fenton Street)	Tier 1 Priority in Bicycle Master Plan.	Silver Spring CBD	Silver Spring CBD, Bicycle Master Plan, SSDAC	DCP	Yes	Yes
98	--	Road Improvements	Veirs Mill Road - Complete Street	Redesign Veirs Mill Road as a multimodal complete street, tree-lined boulevard. Minimize crossing distances with elimination of	Veirs Mill Corridor MP	Veirs Mill Corridor MP	MCP	Yes	Yes
99	--	Transit	Shady Grove MARC Station		Shady Grove Minor MP	Shady Grove Minor MP	MCP	Yes	Yes
100	--	Road Improvements	Crabbs Branch Way Road Diet	Convert the existing center turn lane between Indianola Drive and Redland Road into a vegetated median to slow traffic. The median should extend into or through crosswalks at existing or future crosswalk locations; this segment is in the County's High Injury Network	Shady Grove Minor MP	Shady Grove Minor MP	MCP	No	No

Attachment C:

Excerpt from Predictive Safety Analysis

APPENDIX I. WHERE COUNTERMEASURES ARE APPLIED

Countermeasure Name/Context	Where Countermeasures are Applied
Automated Speed Enforcement	Streets with more than four lanes in Urban and Suburban areas
Centerline Rumble Strip	Roads in Country areas with two lanes
Convert All-Way Stop Control to Mini-Roundabout	All-way-stop-controlled intersections, with speed limits less than 35 mph, daily vehicle volumes < 10,000, and no more than 2 lanes on any approach
Convert Side-Street Stop Control to All-Way Stop	Side-street stop-controlled intersections, with speed limits less than 35 mph, daily vehicle volumes < 10,000, and no more than 2 lanes on any approach
High Visibility Crosswalks - Signalized Intersections where some Crosswalks are Conventional or Not Marked	Signalized intersections with fewer than 2 high-visibility crosswalks
High Visibility Crosswalks - Signalized Intersections with No Crosswalks	Signalized intersections with no marked crosswalks. Intersections with no nearby sidewalks are excluded unless there is a nearby bus stop
High Visibility Crosswalks - Signalized Intersections with Standard Crosswalks	Signalized intersections with standard marked crosswalks, but not high-visibility crosswalks
High Visibility Crosswalks - Unsignalized Intersections with Standard Crosswalks	Unsignalized intersections with standard marked crosswalks, but not high-visibility crosswalks. Intersections without marked crosswalks across the major street are excluded unless there is a nearby bus stop
Increase All Red Clearance Time - Other Street Types	Signalized intersections on street types not listed above
Increase All Red Clearance Time- Boulevards, Downtown Boulevards, Town Center Boulevards, Major Highways	Signalized intersections on Boulevards, Downtown Boulevards, Town Center Boulevards, and Major Highways
Install a Traffic Signal	Stop controlled intersections with more than 20,000 daily vehicles, more than 4 lanes on the major street approach, and located in an urban area or along a transit corridor
Introduce Fully Protected Left Turns	Signalized intersections in urban and suburban areas with a left-turn lane on the major approach and a current protected/permissive phase
Introduce Protected/Permitted Signal Phase	Signalized intersections in urban areas with 4 legs and a left-turn lane on the major street approach
Lighting at Signalized Intersections	Signalized intersections with less than 2 lights within 75 feet of the center of the intersection

Attachment C:

Excerpt from Predictive Safety Analysis

Countermeasure Name/Context	Where Countermeasures are Applied
Lighting at Unsignalized Intersections	Unsignalized intersections with less than 2 lights within 75 feet of the center of the intersection
LPI on Downtown Boulevards	Signalized intersections on Downtown Boulevards where a crosswalk is present across the Downtown Boulevard
LPI on Town Center Boulevards, Boulevards, and Major Highways	Signalized intersections on Town Center Boulevards, Boulevards, and Major Highways
Mid-Block High-Visibility Crosswalks	Segments with no marked crosswalk with 2 lanes, speed limits of 25 mph or less, and longer than 400 feet. Segments without sidewalks are excluded unless there is a nearby bus stop
Mid-Block Pedestrian Hybrid Beacon	Segments with existing mid-block marked crosswalks that have 4 or fewer lanes, speed limits of 35 mph or less, and vehicle volumes greater than 3,000 per day
Mid-Block Raised Crossing	Segments with no marked crosswalk with 2 lanes and speed limits of 30 mph
Reduce Speeds by 5 mph	Roads in Country areas with speed limits over 25 mph
Restricted to Left-In Access	Stop controlled intersections with more than 20,000 daily vehicles, more than 4 lanes on the major street approach, and located in a suburban area
Speed Humps	Segments in urban and suburban areas with no marked crosswalk, 2 lanes, speeds of 25 mph or less, and fewer than 15,000 daily vehicles

Attachment C:

Excerpt from Predictive Safety Analysis

APPENDIX J. CANDIDATE LOCATIONS FOR SYSTEMIC COUNTERMEASURE IMPLEMENTATION

The following pages include the top 50 ranked candidate locations for each countermeasure and its associated contexts. Based on the SPF analysis and the data available, these locations have been identified as candidates for systemic implementation of the selected countermeasures. However, given the countywide nature of this analysis, individual site reviews are needed to confirm that the identified locations are context-appropriate for the selected countermeasures.

Attachment C:

Excerpt from Predictive Safety Analysis

HIGH VISIBILITY CROSSWALK: SIGNALIZED INTERSECTIONS WITH SOME HIGH-VISIBILITY CROSSWALKS

Location	Location ID	Jurisdiction	State Road	EEA
16TH ST & ELKHART ST & 2ND AVE	X20577	County	X	
16TH ST & SPRING ST	X20784	County	X	X
BALTIMORE RD & 1ST ST & NORBECK RD	X12167	Rockville	X	
BRADLEY BLVD & ARLINGTON RD	X15099	County	X	
BROADBIRCH DR & CALVERTON BLVD & CHERRY HILL RD	X24753	County		
COLESVILLE RD & FENTON ST	X21234	County	X	X
COLESVILLE RD & SPRING ST	X21285	County	X	X
COLESVILLE RD & ST ANDREWS WAY & SLIGO CREEK PKWY	X21676	County	X	X
COLUMBIA PIKE & BLACKBURN RD	X25226	County	X	
DEMOCRACY BLVD & FERNWOOD RD	X12248	County		
EAST WEST HWY & CONNECTICUT AVE	X17057	County	X	
EAST WEST HWY & SUNDALE DR & WASHINGTON AVE	X20148	County	X	X
FREDERICK AVE & HUNGERFORD DR	X11084	Rockville	X	X
GEORGIA AVE & ARCOLA AVE	X19517	County	X	X
GEORGIA AVE & HEWITT AVE	X17811	County	X	X
GEORGIA AVE & ROSSMOOR BLVD	X17091	County	X	
GEORGIA AVE & SEMINARY PL	X20537	County	X	
GERMANTOWN RD & AIRCRAFT DR	X02477	County	X	X
GERMANTOWN RD & CRYSTAL ROCK DR	X02358	County	X	X
HUNGERFORD DR & MANNAKEE ST	X11092	Rockville	X	X
INDIANOLA DR & CRABBS BRANCH WAY	X10811	County		
MARINELLI RD & EXECUTIVE BLVD	X13631	County		
MARYLAND AVE & JEFFERSON ST	X11243	Rockville	X	X
MARYLAND AVE & MIDDLE LN	X11246	Rockville		X
MIDDLEBROOK RD & GERMANTOWN RD	X02052	County	X	
MIDDLEBROOK RD & WARING STATION RD	X02887	County		X
MONTGOMERY VILLAGE AVE & CLUB HOUSE RD	X06647	County		
MONTGOMERY VILLAGE AVE & LAKE SHORE DR & WALKERS CHOICE RD	X06797	County		
MONTGOMERY VILLAGE AVE & PLEASANT RIDGE DR & WIGHTMAN RD	X07662	County		
NEW HAMPSHIRE AVE & LOCKWOOD DR	X23608	County	X	
NEW HAMPSHIRE AVE & OAKVIEW DR	X24208	County	X	X
OLD COLUMBIA PIKE & SANDY SPRING RD	X25257	County	X	
OLD GEORGETOWN RD & AUBURN AVE	X14889	County	X	
PARK RD & STONESTREET AVE	X11490	Rockville		
PINEY BRANCH RD & CARROLL AVE	X23600	County	X	X
RANDOLPH RD & GLENMONT CIR	X19977	County		X
ROCKVILLE PIKE	X15275	County	X	
ROCKVILLE PIKE & CALIFORNIA CIR & BOU AVE	X13404	County	X	
ROCKVILLE PIKE & RICHARD MONTGOMERY DR & DODGE ST	X11662	Rockville	X	X
ROCKVILLE PIKE & SECURITY LN	X14197	County	X	
ROCKVILLE PIKE & WOOTTON PKWY & 1ST ST	X11989	Rockville	X	X
SLIGO CREEK PKWY & PINEY BRANCH RD	X22592	County	X	
UNIVERSITY BLVD & DENNIS AVE	X21668	County	X	
UNIVERSITY BLVD & SLIGO CREEK PKWY	X21057	County	X	
VEIRS MILL RD & CLARIDGE RD	X17976	County	X	
VEIRS MILL RD & FERRARA AVE	X17084	County	X	X
VEIRS MILL RD & ROBINDALE DR	X15482	County	X	X
WAYNE AVE & CEDAR ST	X21545	County		
WISCONSIN AVE & WAVERLY ST & ELM ST	X15604	County	X	
WOODMONT AVE & BETHESDA AVE	X15437	County		

Attachment C:

Excerpt from Predictive Safety Analysis

HIGH VISIBILITY CROSSWALK: SIGNALIZED INTERSECTIONS WITH ONLY STANDARD CROSSWALKS

Location	Location ID	Jurisdiction	State Road	EEA
CENTURY BLVD & CRYSTAL ROCK DR	X02280	County		
CHESTNUT ST & DIAMOND AVE & MUDDY BRANCH RD	X06515	Gaithersburg	X	X
CLOPPER RD & FIRSTFIELD RD	X05167	Gaithersburg	X	X
CONNECTICUT AVE & PLYERS MILL RD	X17175	County	X	
EAST WEST HWY & WAVERLY ST	X15669	County	X	
ELLSWORTH DR & FENTON ST	X21323	County		X
FATHER HURLEY BLVD & WISTERIA DR	X01498	County		
FREDERICK AVE & PERRY PKWY & LAKEFOREST BLVD	X06192	Gaithersburg	X	X
FREDERICK AVE & WESTLAND DR	X08409	Gaithersburg	X	X
FREDERICK RD & GERMANTOWN RD	X03692	County	X	
FREDERICK RD & KING FARM BLVD & SHADY GROVE METRO W RD	X09707	Rockville	X	X
FREDERICK RD & MIDDLEBROOK RD	X04073	County	X	
FREDERICK RD & REDLAND RD & REDLAND BLVD	X09984	Rockville	X	
GEORGIA AVE & ASPEN HILL RD	X17262	County	X	
GEORGIA AVE & BEL PRE RD	X16842	County	X	X
GEORGIA AVE & CONNECTICUT AVE	X16983	County	X	
GEORGIA AVE & GLENALLAN AVE	X19275	County	X	X
GEORGIA AVE & JUDSON RD & LAYHILL RD	X19619	County	X	X
GEORGIA AVE & POSTGATE TER & HEATHFIELD RD	X16841	County	X	
GEORGIA AVE & RANDOLPH RD	X19744	County	X	X
HUNGERFORD DR & BEALL AVE	X11290	Rockville	X	X
HUNGERFORD DR & WASHINGTON ST & A ST	X11086	Rockville	X	X
LAYHILL RD & GLENALLAN AVE	X19716	County	X	X
MIDCOUNTY HWY & MONTGOMERY VILLAGE AVE	X06778	County	X	X
MIDDLE LN & WASHINGTON ST	X11118	Rockville		X
MONROE ST & JEFFERSON ST	X11338	Rockville	X	X
MONTGOMERY VILLAGE AVE & RUSSELL AVE & STATION8 DR	X06161	Gaithersburg	X	X
MONTROSE PARK RIDE & TOWNE RD & MONTROSE RD	X13484	County		
NEW HAMPSHIRE AVE & NORTHAMPTON DR	X24112	County	X	
NEW HAMPSHIRE AVE & POWDER MILL RD	X24224	County	X	
PINEY BRANCH RD & ARLISS ST	X22971	County	X	X
PINEY BRANCH RD & BARRON ST	X23226	County	X	X
PINEY BRANCH RD & FLOWER AVE	X22767	County	X	X
PINEY BRANCH RD & GREENWOOD AVE	X22882	County	X	X
RANDOLPH RD & VEIRS MILL RD	X16598	County	X	X
REEDIE DR & FERN ST	X19803	County		X
ROCKVILLE PIKE & JONES BRIDGE RD	X15290	County	X	
ROCKVILLE PIKE & TUCKERMAN LN	X14550	County	X	
ROLLINS AVE & JEFFERSON ST	X12839	Rockville		
SHADY GROVE RD & FALLSGROVE BLVD & MEDICAL CENTER WAY	X07356	County		
SOMERVILLE DR & REDLAND RD	X10120	County		
TWINBROOK PKWY & CHAPMAN AVE	X13419	Rockville		
TWINBROOK PKWY & FISHERS LN	X13672	County		X
TWINBROOK PKWY & PARKLAWN DR & WICOMICO AVE	X13670	County		X
VEIRS MILL RD & GAYNOR RD & PARKLAND DR	X15745	County	X	X
VEIRS MILL RD & GRIDLEY RD & SHOP CTR CUT THRU	X16448	County	X	X
VEIRS MILL RD & TWINBROOK PKWY	X14065	County	X	X
WASHINGTON ST & BEALL AVE	X11113	Rockville		X
WAVERLY ST & MONTGOMERY AVE	X15690	County	X	
WOODMONT AVE & BATTERY LN	X15264	County		

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Excerpt from Predictive Safety Analysis

HIGH VISIBILITY CROSSWALK: UNSIGNALIZED INTERSECTIONS WITH ONLY STANDARD CROSSWALKS

Location	Location ID	Jurisdiction	State Road	EEA
ADRIAN ST & PARKLAND DR	X15812	County		X
BLUERIDGE AVE & GRANDVIEW AVE	X19422	County		X
COLESVILLE RD & RAMSEY AVE	X21115	County	X	X
CONNECTICUT AVE & BALTIMORE ST	X17155	County	X	
CONNECTICUT AVE & EVERTON ST	X17510	County	X	X
CORDELL AVE & WILSON LN	X14991	County	X	
ELKIN ST & HICKERSON DR	X19740	County		X
ELMCROFT BLVD & KING FARM BLVD	X09619	Rockville		
FERN ST & PRICE AVE	X19801	County		X
FIDLER LN & RAMSEY AVE	X21082	County		X
FREDERICK AVE & DE SELLMUM AVE	X07318	Gaithersburg	X	X
FREDERICK AVE & FULKS CORNER AVE & CEDAR AVE	X07217	Gaithersburg	X	X
FREDERICK AVE & WALKER AVE	X06841	Gaithersburg	X	X
FREDERICK AVE & WESTLAND DR	X08223	Gaithersburg	X	X
FREDERICK RD & APPLIEDOWRE WAY	X03943	County	X	
FREDERICK RD & COLLINS DR & NEELSVILLE CHURCH RD	X03598	County	X	
FREDERICK RD & OXBRIDGE DR	X03775	County	X	
GEORGIA AVE & DENLEY RD	X19122	County	X	X
GEORGIA AVE & HICKERSON DR	X19534	County	X	X
GEORGIA AVE & SHERATON ST	X19701	County	X	X
GEORGIA AVE & WEISMAN RD	X19623	County	X	X
GILBERT PL & BARRON ST	X23229	County		X
GIST AVE & FENTON ST	X21417	County		
GREAT SENECA HWY & GREY EAGLE CT	X02240	County	X	X
GREAT SENECA HWY & GROTTA LN	X02041	County	X	
HALPINE RD & ARDENNES AVE	X13506	Rockville		X
MARINELLI RD & LANDSDOWN ST	X14042	County		
MONROE ST & MONROE PL	X11357	Rockville		X
NORMANDY CROSSING DR & HOMECREST RD & LONGMEAD CROSSING DR	X19335	County		
OLD GEORGETOWN RD & DEL RAY AVE	X14955	County	X	
OLD GEORGETOWN RD & FAIRMONT AVE	X15165	County	X	
OLD GEORGETOWN RD & MOORLAND LN	X15257	County	X	
PARK AVE & BROOKES AVE	X07333	Gaithersburg		X
PINEY BRANCH RD & MANCHESTER RD	X22649	County	X	
RANDOLPH RD & ATHERTON DR	X17099	County		X
RANDOLPH RD & BUSHEY DR	X16972	County		X
ROCKVILLE PIKE & MT VERNON PL	X11820	Rockville	X	
ROEDER RD & FENTON ST	X21286	County		X
RUSSELL AVE & BROOKES AVE	X07189	Gaithersburg		X
RUSSELL AVE & WALKER AVE	X07108	Gaithersburg		X
SLIGO CREEK PKWY & HILLTOP RD & MAPLE AVE	X22759	Takoma Park		
TRAVIS AVE & WATKINS MILL RD	X05793	Gaithersburg		X
UNIVERSITY BLVD & DEARBORN AVE & MOSS AVE	X22944	County	X	
UNIVERSITY BLVD & GILBERT ST	X23374	County	X	X
UNIVERSITY BLVD & SEEK LN	X23435	County	X	X
VALLEYWOOD DR & ANDREW ST	X18088	County		X
VEIRS MILL RD & GRIDLEY RD	X16422	County	X	X
WILLOW LN & 46TH ST	X15845	County		
WISCONSIN AVE & MAPLE AVE	X15361	County	X	
WISCONSIN AVE & MILLER AVE	X15691	County	X	

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Excerpt from Predictive Safety Analysis

HIGH VISIBILITY CROSSWALK: SIGNALIZED INTERSECTIONS WITH NO CROSSWALKS

Location	Location ID	Jurisdiction	State Road	EEA
ATTEBORO RD & EUBIE BLAKE WAY & NORWOOD RD	X21880	County		
BONIFANT RD & NOTLEY RD	X22030	County		
BRADLEY BLVD & BRADMOOR DR & HUNTINGTON PKWY	X13454	County	X	
BRADLEY BLVD & BURDETTE RD	X11930	County	X	
BRADLEY BLVD & FERNWOOD RD	X12239	County	X	
COLUMBIA PIKE & STEWART LN & MILESTONE DR	X23787	County	X	X
DEER PARK DR & RAILROAD ST	X08801	Washington Grove		
DEMOCRACY BLVD & FALLS RD & GLEN RD	X06584	County	X	
EDNOR RD & NORWOOD RD & LAYHILL RD	X21207	County	X	
EMORY GROVE RD & GOSHEN RD	X07638	County		
FALLS RD & BELLS MILL RD	X07369	County	X	
FALLS RD & GLEN RD	X07677	County	X	
FREDERICK RD & CLARKSBURG RD	X01195	County	X	
GEORGIA AVE & GOLD MINE RD	X18859	County	X	
GERMANTOWN RD & SPRING MEADOWS DR & DARNESTOWN RD	X00498	County	X	
GOSHEN RD & VILLAGE AVE	X08229	County		
KINGS VALLEY RD & RIDGE RD	X04801	County	X	
MARWOOD HILL DR & RIVER RD & PINEY MEETINGHOUSE RD	X04516	County	X	
NEW HAMPSHIRE AVE & ASHTON RD & OLNEY SANDY SPRING RD	X22199	County	X	
NEWBRIDGE DR & DEMOCRACY BLVD	X08366	County		
OLD COLUMBIA PIKE & COLUMBIA PIKE	X23851	County	X	X
OLNEY SANDY SPRING RD & NORWOOD RD	X21117	County	X	
RANDOLPH RD & LINDELL ST & DENLEY RD	X18574	County		X
SERVICE RD & NORBECK RD & MUNCASTER MILL RD	X16799	County	X	
SEVEN LOCKS RD & ORACLE PL & BELLS MILL RD	X10433	County		
STATION10 DR & RIVER RD	X10117	County	X	
STATION26 DR & DEMOCRACY BLVD	X12053	County		
SWEEPSTAKES RD & WOODFIELD RD	X06750	County	X	
UNIVERSITY BLVD & WHITESTONE RD	X22585	County	X	
VEIRS MILL RD & MONTERREY DR & NORRIS DR	X18489	County	X	
WARFIELD RD & WOODFIELD RD	X11124	County	X	
WOODFIELD RD & BRINK RD	X09696	County	X	
WOODFIELD RD & HAWKINS CREAMERY RD	X06600	County	X	

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Excerpt from Predictive Safety Analysis

LIGHTING: SIGNALIZED INTERSECTIONS

Location	Location ID	Jurisdiction	State Road	EEA
2ND AVE & FENWICK LN	X20956	County		X
ASBURY DR & LOST KNIFE RD & ODENDHAL AVE	X07089	Gaithersburg		X
BALTIMORE RD & 1ST ST & NORBECK RD	X12167	Rockville	X	
BOU AVE & CHAPMAN AVE	X13561	County		
CENTURY BLVD & CRYSTAL ROCK DR	X02280	County		
CHESTNUT ST & DIAMOND AVE & MUDDY BRANCH RD	X06515	Gaithersburg	X	X
CLOPPER RD & METROPOLITAN GROVE RD & TWELVE OAKS DR	X04889	Gaithersburg	X	X
CONNECTICUT AVE & BEL PRE RD	X17855	County		X
CONTOUR RD & ODEND HAL AVE	X07251	Gaithersburg		X
EAST WEST HWY & SUNDALE DR & WASHINGTON AVE	X20148	County	X	X
FATHER HURLEY BLVD & WATERS LANDING DR	X01767	County		
FATHER HURLEY BLVD & WISTERIA DR	X01498	County		
FENTON ST & PHILADELPHIA AVE & BURLINGTON AVE	X21446	County	X	X
FLOWER AVE & CARROLL AVE	X23132	Takoma Park	X	
FREDERICK RD & SHAKESPEARE BLVD	X03475	County	X	
GEORGIA AVE & OLNEY LAYTONSVILLE RD & OLNEY SANDY SPRING RD	X18182	County	X	
GRANT AVE & CARROLL AVE & ETHAN ALLEN AVE	X22575	Takoma Park	X	
GREAT SENECA HWY & QUINCE ORCHARD RD	X04135	Gaithersburg	X	
GREAT SENECA HWY & WISTERIA DR	X02330	County	X	X
JEFFERSON ST & HALPINE RD	X12786	Rockville		
LAYHILL RD & BONIFANT RD & BEL PRE RD	X20233	County	X	
MIDCOUNTY HWY & SAYBROOKE OAKS BLVD & WOODFIELD RD	X09207	Gaithersburg	X	
MIDCOUNTY HWY & WASHINGTON GROVE LN	X09691	County		X
MIDDLEBROOK RD & SWEETGUM CIR & FATHER HURLEY BLVD	X01667	County		
MONROE ST & FLEET ST	X11298	Rockville		X
MONTGOMERY VILLAGE AVE & CENTERWAY RD	X06641	County		
MONTGOMERY VILLAGE AVE & CLUB HOUSE RD	X06647	County		
MONTGOMERY VILLAGE AVE & PLEASANT RIDGE DR & WIGHTMAN RD	X07662	County		
MONTROSE PARK RIDE & TOWNE RD & MONTROSE RD	X13484	County		
MONTROSE PKWY & TOWNE RD	X13457	County		
MONTROSE RD & JEFFERSON ST	X12862	County		
ODENDHAL AVE & GOSHEN RD	X07602	Gaithersburg		X
PARK RD & STONESTREET AVE	X11490	Rockville		
PARKLAWN DR & PARKLAWN DR ACCESS DR	X14502	County		X
PHILADELPHIA AVE & MAPLE AVE	X22331	Takoma Park	X	
RANDOLPH RD & LAUDERDALE DR & PARKLAWN DR	X14644	County		X
RANDOLPH RD & PARKLAWN DR	X14435	County		X
RICHARD MONTGOMERY DR & FLEET ST	X11616	Rockville		X
ROCK SPRING DR & MARRIOTT DR & FERNWOOD RD	X12123	County		
ROCK SPRING DR & ROCKLEDGE DR	X12439	County		
ROLLINS AVE & JEFFERSON ST	X12839	Rockville		
RUSSELL AVE & ODENDHAL AVE	X06611	Gaithersburg		X
SLIGO CREEK PKWY & WAYNE AVE	X22310	County		X
STATION2 DR & CARROLL AVE & PHILADELPHIA AVE	X22504	Takoma Park	X	
TWINBROOK PKWY & CHAPMAN AVE	X13419	Rockville		
VEIRS MILL RD & 1ST ST	X12059	Rockville	X	X
VEIRS MILL RD & ROBINDALE DR	X15482	County	X	X
VEIRS MILL RD & TWINBROOK PKWY	X14065	County	X	X
W DIAMOND AVE ACCESS RD & PERRY PKWY & DIAMOND AVE	X06149	Gaithersburg	X	X
WOODFIELD RD & SNOUFFER SCHOOL RD & MUNCASTER MILL RD	X10522	County	X	X

Attachment C:

Excerpt from Predictive Safety Analysis

LIGHTING: UNSIGNALIZED INTERSECTIONS

Location	Location ID	Jurisdiction	State Road	EEA
1ST ST & GRANDIN AVE	X12083	Rockville	X	
1ST ST & VEIRS MILL SERV RD RD & GRANDIN AVE	X12074	Rockville		
ADRIAN ST & PARKLAND DR	X15812	County		X
BLAIR MILL RD & EASTERN DR	X21019	County		
BRIGGS CHANEY RD & ROBEY RD	X24969	County		X
CALIFORNIA CIR & JEFFERSON ST	X12861	County		
CAMERON HILL CT	X21060	County		X
CAMERON HILL CT	X21034	County		X
CONTOUR RD & LOST KNIFE RD	X06869	County		X
CORDELL AVE & WILSON LN	X14991	County	X	
DOMER AVE & GREENWOOD AVE	X22909	County		X
EAST WEST HWY & CAREY LN	X20746	County	X	X
EAST WEST HWY & FALKLAND LN	X20873	County	X	
ELKIN ST & BLUERIDGE AVE	X19750	County		X
ELMCROFT BLVD & REDLAND BLVD	X09886	Rockville		
FLOWER AVE & KENNEBEC AVE	X22942	Takoma Park	X	
FOREST PRESERVE DR & TOWN CENTER BLVD & WATKINS MILL RD	X04692	Gaithersburg		X
FREDERICK RD & APPLIEDOWRE WAY	X03943	County	X	
FREDERICK RD & COLLINS DR & NEELSVILLE CHURCH RD	X03598	County	X	
FREDERICK RD & OXBRIDGE DR	X03775	County	X	
FRIENDSHIP BLVD & PARK AVE	X16012	County		
GARLAND AVE & DOMER AVE	X23123	County		X
HAMPDEN LN & ARLINGTON RD	X15128	County		
HUNGERFORD DR & CHOICE HOTELS CIR	X11366	Rockville	X	X
KING JAMES WAY & HARMONY HALL RD & MUDDY BRANCH RD	X06456	County		X
LIVINGSTON ST & FLACK ST	X19350	County		X
MAIN ST & KENTLANDS BLVD	X04031	Gaithersburg		
MARKET ST & KENTLANDS BLVD	X04365	Gaithersburg		
MAYOR LN & SILVER SPRING AVE	X21299	County		X
MINERAL SPRINGS DR & WASHINGTON GROVE LN & FLOWER HILL WAY	X10220	County		X
MONROE ST & MONROE PL	X11357	Rockville		X
NORMANDY CROSSING DR & HOMECREST RD & LONGMEAD CROSSING DR	X19335	County		
PEAR TREE LN & BEL PRE RD	X18003	County		X
PINEY BRANCH RD & GARLAND AVE	X23116	County	X	X
PINEY BRANCH RD & MANCHESTER RD	X22649	County	X	
RANDOLPH RD & PUTNAM RD	X14723	County		X
REXMORE DR & CRYSTAL ROCK DR	X02247	County		
RUSSELL AVE & WALKER AVE	X07108	Gaithersburg		X
SPRING ST & ROEDER RD	X21332	County		X
STEWART LN & APRIL LN	X24037	County		X
THE HILLS PLZ & PARK AVE	X16099	County		
TRAVIS AVE & WATKINS MILL RD	X05793	Gaithersburg		X
TSCHIFFELY SQUARE RD & KENT OAKS WAY	X03413	Gaithersburg		
VALLEYWOOD DR & ANDREW ST	X18088	County		X
VEIRS MILL RD & DODGE ST	X11699	Rockville	X	X
WALTER JOHNSON RD & WISTERIA DR	X01969	County		X
WAYNE AVE & MANCHESTER RD	X22353	County		X
WHITE OAK VISTA DR & STEWART LN	X23960	County		X
WILLOW LN & 46TH ST	X15845	County		
WYETH ST & LAYHILL RD	X19861	County	X	X

Attachment C:

Excerpt from Predictive Safety Analysis

MID-BLOCK HIGH-VISIBILITY CROSSWALK

Location	Location ID	Jurisdiction	State Road	EEA
1ST AVE BETWEEN SPRING ST & FENWICK LN	S08915	County		
APPLE RIDGE RD BETWEEN MONTGOMERY VILLAGE AVE & SWALLOW POINT RD	S31736	County		
BOILING BROOK PKWY BETWEEN ROCKING HORSE RD & BOILING BROOK PL	S24786	County		X
BONIFANT ST BETWEEN FENTON ACCESS ST & GEORGIA AVE	S10289	County		X
CAMERON ST BETWEEN FENTON ST & GEORGIA AVE	S12448	County		X
CAMERON ST BETWEEN GEORGIA AVE & RAMSEY AVE	S08851	County		X
CARROLL AVE BETWEEN OSAGE ST & UNIVERSITY BLVD	S12352	County		X
CARROLL AVE BETWEEN STATION2 DR/PHILADELPHIA AVE & PARK AVE	S29317	Takoma Park	X	
CENTURY BLVD BETWEEN TOWN COMMONS DR & MIDDLEBROOK RD	S20281	County		
CONTOUR RD BETWEEN LOST KNIFE CIR & LOST KNIFE RD	S14437	County		X
CONTOUR RD BETWEEN TUNSTALL DR & COPPS HILL DR	S16805	County		X
CRYSTAL ROCK DR AT GERMANTOWN RD	S24183	County		X
DETRICK AVE BETWEEN HOWARD AVE & KNOWLES AVE	S08081	County		
DIXON AVE BETWEEN DISCOVERY PL/WAYNE AVE & BONIFANT ST	S00933	County		X
EDMONSTON DR BETWEEN LEWIS AVE & ROCKVILLE PIKE	S02080	Rockville		
ELLSWORTH DR BETWEEN FENTON ST & GEORGIA AVE	S00439	County		X
ETHAN ALLEN AVE BETWEEN EAST WEST HWY/NEW HAMPSHIRE AVE & ELM AVE	S28520	Takoma Park	X	
FENTON ST BETWEEN COLESVILLE RD & CAMERON ST	S13360	County		X
FENTON ST BETWEEN SILVER SPRING AVE & SLIGO AVE	S29157	County		
FENTON ST BETWEEN THAYER AVE & SILVER SPRING AVE	S31133	County		
FERRARA DR AT FERRARA AVE	S05371	County		X
FLOWER AVE BETWEEN PINEY BRANCH RD & DOMER AVE	S30377	Takoma Park	X	X
GILBERT PL BETWEEN GILBERT ST & BARRON ST	S07311	County		X
GREENWOOD AVE BETWEEN PINEY BRANCH RD & DOMER AVE	S10848	County		X
IVY LEAGUE LN AT HUNGERFORD DR	S19144	Rockville		X
JEFFERSON ST BETWEEN HALPINE RD & ROLLINS AVE	S03214	Rockville		
LOST KNIFE CIR	S13888	County		X
LYTTONSVILLE RD BETWEEN LYTTONSVILLE PL & ROSS RD	S30169	County		X
MAPLE AVE BETWEEN HILLTOP RD/SLIGO CREEK PKWY & LINCOLN AVE	S30984	Takoma Park		
MAPLEWOOD AVE BETWEEN FLOWER AVE & EDINBURGH LN/MAPLE AVE	S32254	Takoma Park		
MEEM AVE BETWEEN WATER ST/DIAMOND AVE & CHESTNUT ST	S18577	Gaithersburg		X
METROPOLITAN AVE BETWEEN ST PAUL ST & CONCORD ST/PLYERS MILL RD	S30422	County	X	
PARAMOUNT PARK DR BETWEEN FREDERICK AVE & SPECTRUM BLVD	S22775	Gaithersburg		X
PEAR TREE CT	S01264	County		X
PHILADELPHIA AVE BETWEEN MAPLE AVE & CEDAR AVE	S32419	Takoma Park	X	
RAMSEY AVE BETWEEN WAYNE AVE & BONIFANT ST	S09876	County		X
ROEDER RD BETWEEN SPRING ST & FENTON ST	S10935	County		X
ROLLINS AVE BETWEEN ROCKVILLE PIKE/TWINBROOK PKWY & STATION23 DR	S31059	Rockville		
ROLLINS AVE BETWEEN STATION23 DR & JEFFERSON ST	S31058	Rockville		
RUSSELL AVE AT ODEND HAL AVE	S00099	Gaithersburg		X
SEMINARY RD BETWEEN STATION19 DR & LINDEN LN/2ND AVE	S30362	County		
SERVICE ROAD A RD BETWEEN FREDERICK AVE & DIAMOND AVE	S29367	Gaithersburg	X	X
SHOP CTR CUT THRU BETWEEN COLIE DR & GRIDLEY RD/VEIRS MILL RD	S26942	County		X
SLIGO CREEK PKWY BETWEEN SCHUYLER RD & WAYNE AVE/WAYNE AVE	S28890	County		X
TEAGARDEN CIR	S00774	County		X
THAYER AVE BETWEEN FENTON ST & MAYOR LN	S29798	County		
VEIRS MILL SERVICE RD BETWEEN SAMPSON RD & RANDOLPH RD	S02867	County		X
WALKER AVE BETWEEN RUSSELL AVE & FREDERICK AVE	S23798	Gaithersburg		X
WAYNE AVE BETWEEN MANCHESTER PL & MANCHESTER RD	S28428	County		X
WILLARD AVE BETWEEN SHOEMAKER FARM LN & PARK AVE	S30740	County		

Attachment C:

Excerpt from Predictive Safety Analysis

MID-BLOCK RAISED CROSSING

Location	Location ID	Jurisdiction	State Road	EEA
ARCOLA AVE BETWEEN HOYT ST/APARTMENT CUT THRU & UNIVERSITY BLVD	S31415	County		X
ARCOLA AVE BETWEEN KENBROOK DR/APARTMENT CUT THRU & HOYT ST	S30632	County		X
ARCOLA AVE BETWEEN KERSEY RD & LAMBERTON DR	S27899	County		X
ARCOLA AVE BETWEEN LAMBERTON DR & WATERMILL LN	S31026	County		X
ARLISS ST BETWEEN WALDEN RD/GARLAND AVE & FLOWER AVE	S11503	County		X
ASPEN HILL RD BETWEEN MARGOT DR/BALTIC AVE & ADRIAN ST	S30007	County		X
AUTOMOBILE BLVD	S00113	County		
BROOKVILLE RD AT GARFIELD AVE	S30182	County		X
BROOKVILLE RD BETWEEN TALBOT AVE & STEWART AVE	S31030	County		X
BURLINGTON AVE BETWEEN SELIM RD & 13TH ST/GEORGIA AVE	S28051	County	X	X
CARROLL AVE BETWEEN LONG BRANCH PKWY & GARLAND AVE	S31191	Takoma Park	X	
CARROLL AVE BETWEEN MERRIMAC DR & CHESTER ST/WILDWOOD DR	S31076	Takoma Park	X	X
CHESTNUT ST BETWEEN DIAMOND AVE & MEEM AVE	S21648	Gaithersburg		X
DIAMOND AVE BETWEEN FREDERICK AVE & CHESTNUT ST	S28052	Gaithersburg		X
DIAMOND AVE BETWEEN GIRARD ST & MELVIN ST	S29709	Gaithersburg		X
DIAMOND AVE BETWEEN MELVIN ST & SUMMIT AVE/SUMMIT AVE	S30282	Gaithersburg		X
DIAMOND AVE BETWEEN PARK AVE & RUSSELL AVE	S31935	Gaithersburg		X
DIAMOND AVE BETWEEN RAILROAD ST/WASHINGTON GROVE LN & GIRARD ST	S29573	Gaithersburg		X
DIAMOND AVE BETWEEN RUSSELL AVE & FREDERICK AVE	S31787	Gaithersburg		X
GLENALLAN AVE BETWEEN RANDOLPH RD & LAYHILL RD	S28602	County		X
GRAND PRE RD BETWEEN BEL PRE RD & CONNECTICUT AVE	S01679	County		X
GREENCASTLE RD BETWEEN TURBRIDGE DR & SWAN HOUSE CT	S31594	County		
INDUSTRIAL PKWY BETWEEN OLD COLUMBIA PIKE & TECH RD	S21572	County		
KNOWLES AVE BETWEEN DETRICK AVE & SUMMIT AVE	S30420	County	X	
LOCKWOOD DR AT COLUMBIA PIKE	S30322	County		
LOCKWOOD DR BETWEEN BURNT MILLS AVE & BURNT MILLS CT	S30481	County		
LOFSTRAND LN BETWEEN TAFT ST & SOUTHLAWN LN	S00476	Rockville		
LONGMEAD CROSSING DR BETWEEN HOMECREST RD & NORMANDY CROSSING DR	S31168	County		
LONGMEAD CROSSING DR BETWEEN SNOWBIRD TER & TELLURIDE PL	S30978	County		
LONGMEAD CROSSING DR BETWEEN TELLURIDE PL & NORMANDY CROSSING DR	S32229	County		
LONGMEAD CROSSING DR BETWEEN LADYMEADE DR & NORMANDY CROSSING DR	S30811	County		
OAKMONT AVE BETWEEN RAILROAD ST & CITATION DR	S30041	County		X
OLDE TOWNE AVE BETWEEN SUMMIT AVE & FULKS CORNER AVE	S23716	Gaithersburg		X
PHILADELPHIA AVE BETWEEN CHICAGO AVE & FENTON ST/BURLINGTON AVE	S31190	Takoma Park	X	
PINEY BRANCH RD BETWEEN SILVER SPRING AVE & BELMONT CT/SLIGO AVE	S29465	County	X	
PINEY BRANCH RD BETWEEN SLIGO CREEK PKWY & PARK CREST DR	S30018	County	X	
ROBEY RD BETWEEN PALMER HOUSE WAY & ROBEY TER	S31983	County		
SLIGO AVE BETWEEN FENTON ST & MAYOR LN	S09947	County		X
SOUTHLAWN LN AT LOFSTRAND LN	S19059	Rockville		
STEWART LN BETWEEN APRIL LN & WHITE OAK VISTA DR	S18280	County		X
STEWART LN BETWEEN NOVEMBER CIR & LOCKWOOD DR	S19301	County		X
STEWART LN BETWEEN WHITE OAK VISTA DR & OLD COLUMBIA PIKE	S19092	County		X
WARING STATION RD BETWEEN MIDDLEBROOK RD & HOTTINGER CIR	S29598	County		X
WESTLAKE TER BETWEEN AUTO PARK AVE & WESTLAKE DR	S28879	County		
WISTERIA DR BETWEEN CIRCLE GATE DR & GREAT SENECA HWY	S32366	County		X
WISTERIA DR BETWEEN CRYSTAL ROCK DR & CIRCLE GATE DR	S32033	County		X
WISTERIA DR BETWEEN CRYSTAL ROCK DR & DOCTORS DR	S29672	County		X
WISTERIA DR BETWEEN GREAT SENECA HWY & MISTY MEADOW TER	S32365	County		X
WISTERIA DR BETWEEN WILLOW SPRING DR & BENT WILLOW CT	S29497	County		X
WOOTTON PKWY BETWEEN FLEET ST & EDMONSTON DR	S30558	Rockville		

Attachment C:

Excerpt from Predictive Safety Analysis

PEDESTRIAN HYBRID BEACON

Location	Location ID	Jurisdiction	State Road	EEA
AIRCRAFT DR BETWEEN CENTURY BLVD & GERMANTOWN RD	S25729	County		X
ARLISS ST BETWEEN WALDEN RD/GARLAND AVE & PINEY BRANCH RD	S06814	County		X
ASBURY DR AT FELLOWSHIP CIR	S25563	Gaithersburg		X
BATTERY LN BETWEEN WOODMONT AVE & KEYSTONE AVE	S29349	County		
BEL PRE RD BETWEEN BEL PRE DR & RIPPLING BROOK DR	S30608	County		
BETHESDA AVE AT WISCONSIN AVE	S24625	County		
BRADLEY BLVD BETWEEN STRATHMORE ST & OFFUTT LN	S29036	County	X	
BUREAU DR BETWEEN FIRSTFIELD RD & DIAMOND AVE	S23188	Gaithersburg		X
CAMPUS DR AT MANNAKEE ST	S16016	Rockville		
CARROLL AVE BETWEEN TULIP AVE & WESTMORELAND AVE	S29420	Takoma Park	X	
CENTERWAY RD BETWEEN KINGLET PL/BLUE HERON LN & HARKNESS LN	S32367	County		
CENTURY BLVD BETWEEN DORNIER PL & AIRCRAFT DR	S25794	County		
CHAPMAN AVE BETWEEN BOUIC AVE & HALPINE RD/ROCKVILLE PIKE	S27166	Rockville		X
CHRISTOPHER AVE BETWEEN GALLOP HILL RD & RUSSELL AVE	S28832	Gaithersburg		X
CONTOUR RD BETWEEN HORIZON RUN RD & LOST KNIFE CIR	S20781	County		X
CRABBS BRANCH WAY BETWEEN REDLAND RD & MOCCASIN LN	S30736	County		
CRYSTAL ROCK DR BETWEEN MIDDLEBROOK RD & WISTERIA DR	S21705	County		X
DARNESTOWN RD BETWEEN QUINCE ORCHARD RD & BRIAR ROCK DR	S29843	Gaithersburg	X	
EAST WEST HWY BETWEEN COLESVILLE RD & BLAIR MILL RD	S00072	County	X	
EDGEMOOR LN BETWEEN OLD GEORGETOWN RD & WOODMONT AVE	S28424	County		
EDMONSTON DR BETWEEN ROCKVILLE PIKE & WOOTTON PKWY	S02033	Rockville		X
FLEET ST BETWEEN PARK AVE & MONROE ST	S00817	Rockville		X
FLOWER AVE BETWEEN ARLISS ST & PINEY BRANCH RD	S28894	County		X
FLOWER AVE BETWEEN DIVISION ST & CARROLL AVE	S30695	Takoma Park	X	
FLOWER HILL WAY BETWEEN WOODFIELD RD & MINERAL SPRINGS DR	S32184	County		
HEWITT AVE BETWEEN BLUE SPRUCE LN & GEORGIA AVE	S26510	County		
JONES MILL RD BETWEEN FORSYTHE AVE/STONEBROOK DR & LE VELLE DR	S31988	County		X
KNOWLES AVE BETWEEN SUMMIT AVE & EWELL AVE	S28076	County	X	
LOST KNIFE RD BETWEEN CONTOUR RD & ASBURY DR/ODEND HAL AVE	S27397	Gaithersburg		X
LOST KNIFE RD BETWEEN LOST KNIFE CIR & CONTOUR RD	S27395	County		X
MANNAKEE ST BETWEEN HUNGERFORD DR & CAMPUS DR	S16865	Rockville		
MARINELLI RD BETWEEN ROCKVILLE PIKE & EXECUTIVE BLVD	S03075	County		
MATENY RD BETWEEN BARLEYCORN WAY/WHEATRIDGE DR & GREAT SENECA HWY	S18303	County		
RESEARCH BLVD BETWEEN RESEARCH PL & GUDE DR	S32205	Rockville		
ROBEY RD BETWEEN ROBEY TER & BRIGGS CHANEY RD	S31877	County		
ROCK SPRING DR AT OLD GEORGETOWN RD	S25550	County		
ROCK SPRING DR BETWEEN ROCKLEDGE DR & JACOBSEN ST	S05009	County		
ROCKLEDGE DR BETWEEN ROCK FOREST DR/ROCKLEDGE BLVD & BREUER ST	S24929	County		
ROCKLEDGE DR BETWEEN ROCK SPRING DR & DEMOCRACY BLVD	S05047	County		
SANGAMORE RD BETWEEN SENTINEL DR & BROOKES LN	S32437	County		
SHAKESPEARE BLVD BETWEEN AMBER RIDGE CIR & SENECA MEADOWS PKWY	S25068	County		
SPARTAN RD BETWEEN BUEHLER RD & MORNINGWOOD DR/GEORGIA AVE	S14915	County		
STEDWICK RD BETWEEN MONTGOMERY VILLAGE AVE & MILLS CHOICE RD	S31737	County		X
WASHINGTONIAN BLVD BETWEEN SHADY ELM ST & WATERFRONT PL	S16945	Gaithersburg		
WATKINS MILL RD BETWEEN CLUB HOUSE RD & STEDWICK RD	S31611	County		X
WATKINS MILL RD BETWEEN COLTFIELD CT & WATKINS MILL DR	S31956	County		X
WATKINS MILL RD BETWEEN TOWN CENTER BLVD & CLOPPER RD	S20300	Gaithersburg		X
WAYNE AVE BETWEEN FENTON ST & GEORGIA AVE	S28978	County		X
WESTBARD AVE AT WESTBARD CIR	S30800	County		
WISCONSIN CIR BETWEEN WESTERN AVE & WILLARD AVE/WISCONSIN AVE	S12842	County		

Attachment C:

Excerpt from Predictive Safety Analysis

SPEED HUMPS

Location	Location ID	Jurisdiction	State Road	EEA
BONIFANT ST AT DIXON AVE	S25695	County		X
BONIFANT ST BETWEEN FENTON ACCESS ST & GEORGIA AVE	S10289	County		X
CAMERON ST BETWEEN GEORGIA AVE & RAMSEY AVE	S08851	County		X
CAMERON ST BETWEEN RAMSEY AVE & 2ND AVE	S10916	County		X
CARROLL AVE BETWEEN WILLOW ST & EASTERN AVE	S29425	Takoma Park	X	
CENTURY BLVD BETWEEN TOWN COMMONS DR & MIDDLEBROOK RD	S20281	County		
COMMERCE LN	S28706	County		
CONNECTICUT AVE BETWEEN STATION25 DR & BEL PRE RD	S31163	County		
DISCOVERY PL AT DIXON AVE/WAYNE AVE	S10424	County		X
ELLSWORTH DR BETWEEN FENTON ST & GEORGIA AVE	S00439	County		X
ETHAN ALLEN AVE BETWEEN EAST WEST HWY/NEW HAMPSHIRE AVE & ELM AVE	S28520	Takoma Park	X	
EXECUTIVE PARK CIR AT EXECUTIVE PARK TER	S21161	County		
FENTON ST BETWEEN COLESVILLE RD & CAMERON ST	S13360	County		X
FENTON ST BETWEEN EASLEY ST & THAYER AVE	S30915	County		
FENTON ST BETWEEN SILVER SPRING AVE & SLIGO AVE	S29157	County		
FENTON ST BETWEEN THAYER AVE & SILVER SPRING AVE	S31133	County		
FENTON ST BETWEEN WAYNE AVE & BONIFANT ST	S30020	County		
FIDLER LN BETWEEN GEORGIA AVE & RAMSEY AVE	S08965	County		X
FLOWER AVE BETWEEN PINEY BRANCH RD & DOMER AVE	S30377	Takoma Park	X	X
GILBERT PL BETWEEN GILBERT ST & BARRON ST	S07311	County		X
GRANDVIEW AVE BETWEEN BLUERIDGE AVE & CLAIRMONT VIEW TER	S32292	County		X
GRANDVIEW AVE BETWEEN CLAIRMONT VIEW TER & KENSINGTON BLVD	S32223	County		X
GRANDVIEW AVE BETWEEN KENSINGTON BLVD & UNIVERSITY BLVD	S32222	County		X
LOST KNIFE CIR	S13888	County		X
LOST KNIFE CIR AT CONTOUR RD	S15412	County		X
LYTTONSVILLE RD BETWEEN LYTTONSVILLE PL & ROSS RD	S30169	County		X
MAPLE AVE BETWEEN HILLTOP RD/SLIGO CREEK PKWY & LINCOLN AVE	S30984	Takoma Park		
MAPLE AVE BETWEEN LINCOLN AVE & RITCHIE AVE	S31202	Takoma Park		
MAPLE AVE BETWEEN RITCHIE AVE & SHERMAN AVE	S31266	Takoma Park		
METROPOLITAN AVE BETWEEN ST PAUL ST & CONCORD ST/PLYERS MILL RD	S30422	County	X	
PLYERS MILL RD BETWEEN NASH PL & CONCORD ST/METROPOLITAN AVE	S28447	County		
PRICE AVE BETWEEN FERN ST & ELKIN ST	S25510	County		X
RAMSEY AVE BETWEEN FIDLER LN & COLESVILLE RD	S10280	County		X
RAMSEY AVE BETWEEN WAYNE AVE & BONIFANT ST	S09876	County		X
REEDIE DR BETWEEN GEORGIA AVE & TRIANGLE LN	S08752	County		X
REEDIE DR BETWEEN GRANDVIEW AVE & VEIRS MILL RD	S11769	County		X
REEDIE DR BETWEEN TRIANGLE LN & GRANDVIEW AVE	S05858	County		X
RIPLEY ST AT DIXON AVE	S25855	County		X
ROEDER RD BETWEEN SPRING ST & FENTON ST	S10935	County		X
ROLLINS AVE BETWEEN ROCKVILLE PIKE/TWINBROOK PKWY & STATION23 DR	S31059	Rockville		
ROLLINS AVE BETWEEN STATION23 DR & JEFFERSON ST	S31058	Rockville		
SELFRIDGE RD BETWEEN RANDOLPH RD & SIGSBEE RD	S05987	County		X
SEMINARY RD BETWEEN GEORGIA AVE & COLUMBIA BLVD	S31408	County		
SEMINARY RD BETWEEN SELWAY LN & SUTTON PL	S28094	County		
SEMINARY RD BETWEEN SUTTON PL & STATION19 DR	S28311	County		
SLIGO CREEK PKWY BETWEEN CARROLL AVE & HILLTOP RD/MAPLE AVE	S30985	Takoma Park		
SUMMIT AVE BETWEEN DIAMOND AVE & WELLS AVE	S31936	Gaithersburg		X
TOWNE RD BETWEEN ROCKVILLE PIKE & MONTROSE RD	S30967	County		
VEIRS MILL SERVICE RD BETWEEN SAMPSON RD & RANDOLPH RD	S02867	County		X
WILSON LN BETWEEN ST ELMO AVE/OLD GEORGETOWN RD & CORDELL AVE	S32243	County	X	

Attachment C:

Excerpt from Predictive Safety Analysis

LEADING PEDESTRIAN INTERVAL: DOWNTOWN BOULEVARDS

Location	Location ID	Jurisdiction	State Road	EEA
BRADLEY BLVD & ARLINGTON RD	X15099	County	X	
BRADLEY BLVD & LELAND ST & HILLDALE RD	X15277	County	X	
COLESVILLE RD & FENTON ST	X21234	County	X	X
COLESVILLE RD & SPRING ST	X21285	County	X	X
COLESVILLE RD & WAYNE AVE & 2ND AVE	X21066	County	X	X
DEMOCRACY BLVD & FERNWOOD RD	X12248	County		
EAST WEST HWY & 16TH ST	X20795	County	X	
EAST WEST HWY & COLESVILLE RD	X20972	County	X	
EAST WEST HWY & PEARL ST	X15839	County	X	
EAST WEST HWY & WISCONSIN AVE & OLD GEORGETOWN RD	X15532	County	X	
GEORGIA AVE & BLUERIDGE AVE	X19515	County	X	X
GEORGIA AVE & BONIFANT ST	X21253	County	X	X
GEORGIA AVE & CAMERON ST	X21090	County	X	X
GEORGIA AVE & COLESVILLE RD	X21161	County	X	X
GEORGIA AVE & ELLSWORTH DR	X21224	County	X	X
GEORGIA AVE & REEDIE DR	X19641	County	X	X
GEORGIA AVE & SILVER SPRING AVE	X21267	County	X	X
GEORGIA AVE & SLIGO AVE	X21260	County	X	X
GEORGIA AVE & THAYER AVE	X21258	County	X	X
GEORGIA AVE & UNIVERSITY BLVD	X19555	County	X	X
GEORGIA AVE & VEIRS MILL RD	X19772	County	X	X
GEORGIA AVE & WAYNE AVE	X21244	County	X	X
OLD GEORGETOWN RD & BATTERY LN	X14674	County	X	
OLD GEORGETOWN RD & DEMOCRACY BLVD	X12918	County	X	
OLD GEORGETOWN RD & EDGEMOOR LN & COMMERCE LN	X15377	County	X	
OLD GEORGETOWN RD & GRAND PARK AVE	X13614	County	X	
OLD GEORGETOWN RD & ST ELMO AVE & ARLINGTON RD & WILSON LN	X15097	County	X	
OLD GEORGETOWN RD & WOODMONT AVE	X15283	County	X	
ROCKVILLE PIKE & CALIFORNIA CIR & BOU AVE	X13404	County	X	
ROCKVILLE PIKE & HUBBARD DR	X13501	County	X	
ROCKVILLE PIKE & MARINELLI RD	X13981	County	X	
ROCKVILLE PIKE & NICHOLSON LN	X14092	County	X	
ROCKVILLE PIKE & OLD GEORGETOWN RD	X13869	County	X	
ROCKVILLE PIKE & SECURITY LN	X14197	County	X	
SHADY GROVE RD & FALLSGROVE BLVD & MEDICAL CENTER WAY	X07356	County		
SHADY GROVE RD & RESEARCH BLVD	X07797	County		
UNIVERSITY BLVD & AMHERST AVE	X19932	County	X	
UNIVERSITY BLVD & GRANDVIEW AVE	X19428	County	X	X
UNIVERSITY BLVD & VALLEY VIEW AVE	X18776	County	X	X
UNIVERSITY BLVD & VEIRS MILL RD	X19201	County	X	X
WISCONSIN AVE & 47TH ST	X15628	County	X	
WISCONSIN AVE & BRADLEY LN & BRADLEY BLVD	X15866	County	X	
WISCONSIN AVE & CHELTENHAM DR & NORFOLK AVE	X15441	County	X	
WISCONSIN AVE & MONTGOMERY LN & MONTGOMERY AVE	X15570	County	X	
WISCONSIN AVE & MONTGOMERY ST & PARK AVE	X16199	County	X	
WISCONSIN AVE & SOMERSET TER	X16116	County	X	
WISCONSIN AVE & STANFORD ST	X15815	County	X	
WISCONSIN AVE & WAVERLY ST & ELM ST	X15604	County	X	
WISCONSIN AVE & WISCONSIN CIR & WILLARD AVE	X16287	County	X	
WISCONSIN AVE & WOODMONT AVE & LELAND ST	X15718	County	X	

Attachment C:

Excerpt from Predictive Safety Analysis

LEADING PEDESTRIAN INTERVAL: TOWN CENTER BOULEVARDS, BOULEVARDS, AND MAJOR HIGHWAYS

Location	Location ID	Jurisdiction	State Road	EEA
AIRPARK RD & STRATOS LN & ANTARES DR	X11610	County		
AIRPARK RD & WOODFIELD RD	X11026	County	X	
BRADLEY BLVD & GLENBROOK RD	X14545	County	X	
BUREAU DR & DIAMOND AVE	X05543	Gaithersburg	X	
COLESVILLE RD & ST ANDREWS WAY & SLIGO CREEK PKWY	X21676	County	X	X
COLESVILLE RD & UNIVERSITY BLVD	X22131	County	X	
CONNECTICUT AVE & ASPEN HILL RD	X16764	County	X	X
CONNECTICUT AVE & BEACH DR	X16780	County	X	
CONNECTICUT AVE & KENSINGTON PKWY & JONES BRIDGE RD	X17078	County	X	
DARNESTOWN RD & MUDDY BRANCH RD	X05354	County	X	
DARNESTOWN RD & QUINCE ORCHARD RD	X02931	Gaithersburg	X	
EAST WEST HWY & BEACH DR	X18438	County	X	
EAST WEST HWY & GRUBB RD	X19520	County	X	X
EAST WEST HWY & MEADOWBROOK LN	X18695	County	X	X
EAST WEST HWY & SUNDALE DR & WASHINGTON AVE	X20148	County	X	X
FREDERICK RD & GERMANTOWN RD	X03692	County	X	
FREDERICK RD & MIDDLEBROOK RD	X04073	County	X	
FREDERICK RD & PLUMMER DR	X04294	County	X	X
GEORGIA AVE & FOREST GLEN RD	X20383	County	X	
GEORGIA AVE & JUDSON RD & LAYHILL RD	X19619	County	X	X
GEORGIA AVE & OLNEY LAYTONSVILLE RD & OLNEY SANDY SPRING RD	X18182	County	X	
GEORGIA AVE & RANDOLPH RD	X19744	County	X	X
GEORGIA AVE & SPRING ST	X20999	County	X	
GREAT SENECA HWY & CLIMBING IVY DR	X01847	County	X	
GREAT SENECA HWY & CLOPPER RD	X01550	County	X	
GREAT SENECA HWY & KEY WEST AVE	X06402	County	X	X
GREAT SENECA HWY & MATENY RD	X01587	County	X	
GREAT SENECA HWY & MUDDY BRANCH RD	X05564	Gaithersburg	X	X
GREAT SENECA HWY & QUEENSTOWN LN	X01341	County	X	
GREAT SENECA HWY & QUINCE ORCHARD RD	X04135	Gaithersburg	X	
GUDE DR & SOUTHLAWN LN	X12148	Rockville		
KEY WEST AVE & BROSCART RD & DIAMONDBACK DR	X06836	County	X	
MC DONALD CHAPEL DR & QUINCE ORCHARD RD & HILLSTONE RD	X03037	County	X	
MIDCOUNTY HWY & SAYBROOKE OAKS BLVD & WOODFIELD RD	X09207	Gaithersburg	X	
MONTROSE PKWY & EXECUTIVE BLVD & JEFFERSON ST	X12858	County		
NEW HAMPSHIRE AVE & ADELPHI RD & DILSTON RD	X24164	County	X	X
NEW HAMPSHIRE AVE & SPENCERVILLE RD & NORBECK RD	X23676	County	X	
OBSERVATION DR & RIDGE RD	X02916	County	X	
OLNEY SANDY SPRING RD & OLD VIC BLVD	X20025	County	X	
OLNEY SANDY SPRING RD & PRINCE PHILIP DR	X18976	County	X	
RANDOLPH RD & DEWEY RD	X15983	County		X
RANDOLPH RD & VEIRS MILL RD	X16598	County	X	X
ROCKVILLE PIKE & JONES BRIDGE RD	X15290	County	X	
SENECA MEADOWS PKWY & OBSERVATION DR & SHAKESPEARE BLVD	X02853	County		
SHADY GROVE RD & DARNESTOWN RD	X07202	County		
SHADY GROVE RD & MUNCASTER MILL RD & AIRPARK RD	X11479	County	X	X
UNIVERSITY BLVD & CARROLL AVE	X23491	County	X	X
UNIVERSITY BLVD & NEWPORT MILL RD & DECATUR AVE	X17608	County	X	
UNIVERSITY BLVD & PINEY BRANCH RD	X23339	County	X	X
UNIVERSITY BLVD & SLIGO CREEK PKWY	X21057	County	X	

Attachment C:

Excerpt from Predictive Safety Analysis

TRAFFIC SIGNAL (LEFT-TURN CRASHES)

Location	Location ID	Jurisdiction	State Road	EEA
COLESVILLE RD & HASTINGS DR & GRANVILLE DR	X21898	County	X	
COLESVILLE RD & LEIGHTON AVE	X21850	County	X	
COLESVILLE RD & LORAIN AVE	X22274	County	X	
CONNECTICUT AVE & HOWARD AVE	X17147	County	X	
CONNECTICUT AVE & WARNER ST	X17102	County	X	
FREDERICK RD & GAME PRESERVE RD & FREDERICK AVE	X04946	County	X	X
FREDERICK RD & SCENERY DR & GUNNERS BRANCH RD	X04103	County	X	X
GEORGIA AVE & BALLARD ST	X20928	County	X	
GEORGIA AVE & BATCHELLORS FOREST RD & HILLCROFT DR	X17529	County	X	
GEORGIA AVE & BONNYWOOD LN & TILTON DR	X20310	County	X	
GEORGIA AVE & DAWSON AVE & LEESBOROUGH DR	X19502	County	X	X
GEORGIA AVE & DAYTON ST & PREDELLA DR	X20023	County	X	
GEORGIA AVE & HENDERSON AVE	X19562	County	X	X
GEORGIA AVE & HIGHLAND DR	X20760	County	X	
GEORGIA AVE & KING ST	X21261	County	X	X
GEORGIA AVE & LINDELL ST & GEORGIAN WAY	X19686	County	X	X
GEORGIA AVE & MASON ST	X19728	County	X	X
GEORGIA AVE & NOYES DR	X20856	County	X	
GEORGIA AVE & PARKER AVE	X19539	County	X	X
GEORGIA AVE & WELLER RD	X18817	County	X	X
GEORGIA AVE & WENDY LN	X17452	County	X	X
RANDOLPH RD & GOODHILL RD	X17777	County		X
ROCKVILLE PIKE & LOCUST HILL RD & CEDAR CROFT DR	X15223	County	X	
ROCKVILLE PIKE & MEETING ST	X13823	County	X	
SIESTA KEY WAY & KEY WEST AVE	X07363	County	X	
UNIVERSITY BLVD & BAYFIELD ST	X23463	County	X	X
UNIVERSITY BLVD & DEARBORN AVE & MOSS AVE	X22944	County	X	
UNIVERSITY BLVD & DRUMM AVE & HILLSDALE DR	X18616	County	X	
UNIVERSITY BLVD & ELKIN ST	X19713	County	X	X
UNIVERSITY BLVD & FORSTON ST	X23481	County	X	X
UNIVERSITY BLVD & LANGLEY DR	X23323	County	X	X
UNIVERSITY BLVD & MELBOURNE AVE	X23051	County	X	
UNIVERSITY BLVD & PERRY AVE	X17470	County	X	
UNIVERSITY BLVD & ST LAWRENCE DR	X22471	County	X	
VEIRS MILL RD & MONTERREY DR & SCHOOLHOUSE CIR	X18720	County	X	X
VEIRS MILL RD & PENDLETON DR	X18132	County	X	
WISCONSIN AVE & AVONDALE ST & COMMERCE LN	X15498	County	X	
WISCONSIN AVE & CHASE AVE	X15413	County	X	
WISCONSIN AVE & CHEVY CHASE BLVD	X15944	County	X	
WISCONSIN AVE & CUMBERLAND AVE	X16028	County	X	
WISCONSIN AVE & DAVIDSON DR	X15930	County	X	
WISCONSIN AVE & DE RUSSEY PKWY	X15969	County	X	
WISCONSIN AVE & DRUMMOND AVE	X16008	County	X	
WISCONSIN AVE & FAIRMONT AVE	X15426	County	X	
WISCONSIN AVE & HUNT AVE	X15997	County	X	
WISCONSIN AVE & LANGDRUM LN	X15981	County	X	
WISCONSIN AVE & MIDDLETON LN	X15470	County	X	
WISCONSIN AVE & MORGAN DR	X15953	County	X	
WISCONSIN AVE & NORWOOD DR	X15913	County	X	
WISCONSIN AVE & NOTTINGHAM DR	X15899	County	X	

Attachment C:

Excerpt from Predictive Safety Analysis

PROTECTED/PERMITTED SIGNAL PHASE

Location	Location ID	Jurisdiction	State Road	EEA
CLOPPER RD & LONGDRAFT RD	X04115	Gaithersburg	X	X
CLOPPER RD & METROPOLITAN GROVE RD & TWELVE OAKS DR	X04889	Gaithersburg	X	X
CLOPPER RD & WATKINS MILL RD & PHEASANT RUN DR	X04539	Gaithersburg	X	X
ELM ST & ARLINGTON RD	X15130	County		
FRIENDSHIP BLVD & WILLARD AVE	X16020	County		
GEORGIA AVE & BONIFANT ST	X21253	County	X	X
GEORGIA AVE & SILVER SPRING AVE	X21267	County	X	X
MONROE ST & FLEET ST	X11298	Rockville		X
NEW HAMPSHIRE AVE & GLENSIDE DR & ERSKINE ST	X23677	Takoma Park	X	
QUINCE ORCHARD RD & SIOUX LN & ORCHARD RIDGE DR	X04493	Gaithersburg	X	
RUSSELL AVE & CHRISTOPHER AVE	X05851	Gaithersburg		X
SLIGO AVE & FENTON ST	X21415	County		X
SOMERVILLE DR & REDLAND RD	X10120	County		
WISCONSIN AVE & CHELTENHAM DR & NORFOLK AVE	X15441	County	X	
WOODMONT AVE & ELM ST	X15344	County		
WOODMONT AVE & HAMPDEN LN	X15337	County		

Attachment C:

Excerpt from Predictive Safety Analysis

FULLY PROTECTED LEFT TURN

Location	Location ID	Jurisdiction	State Road	EEA
16TH ST & ELKHART ST & 2ND AVE	X20577	County	X	
ASBURY DR & LOST KNIFE RD & ODENDHAL AVE	X07089	Gaithersburg		X
BUREAU DR & DIAMOND AVE	X05543	Gaithersburg	X	
CLOPPER RD & FIRSTFIELD RD	X05167	Gaithersburg	X	X
CONNECTICUT AVE & RANDOLPH RD	X17475	County	X	X
EAST WEST HWY & BEACH DR	X18438	County	X	
EAST WEST HWY & GRUBB RD	X19520	County	X	X
FREDERICK AVE & WESTLAND DR	X08409	Gaithersburg	X	X
GEORGIA AVE & COLESVILLE RD	X21161	County	X	X
GEORGIA AVE & JUDSON RD & LAYHILL RD	X19619	County	X	X
GEORGIA AVE & WAYNE AVE	X21244	County	X	X
GERMANTOWN RD & CRYSTAL ROCK DR	X02358	County	X	X
GERMANTOWN RD & SENECA MEADOWS PKWY & GOLDENROD LN	X03009	County	X	
GREAT SENECA HWY & CLIMBING IVY DR	X01847	County	X	
GREAT SENECA HWY & CLOPPER RD	X01550	County	X	
GREAT SENECA HWY & MATENY RD	X01587	County	X	
GREAT SENECA HWY & RICHTER FARM RD	X01469	County	X	
GREAT SENECA HWY & WISTERIA DR	X02330	County	X	X
MADAKET RD & SANGAMORE RD & MAC ARTHUR BLVD	X13596	County		
MIDCOUNTY HWY & SAYBROOKE OAKS BLVD & WOODFIELD RD	X09207	Gaithersburg	X	
MONTGOMERY VILLAGE AVE & RUSSELL AVE & STATION8 DR	X06161	Gaithersburg	X	X
NEW HAMPSHIRE AVE & SPENCERVILLE RD & NORBECK RD	X23676	County	X	
OBSERVATION DR & RIDGE RD	X02916	County	X	
OLD GEORGETOWN RD & EXECUTIVE BLVD	X13408	County	X	
OLD GEORGETOWN RD & ST ELMO AVE & ARLINGTON RD & WILSON LN	X15097	County	X	
OLNEY SANDY SPRING RD & PRINCE PHILIP DR	X18976	County	X	
OLNEY SANDY SPRING RD & SPARTAN RD	X18576	County	X	
PINEY BRANCH RD & CARROLL AVE	X23600	County	X	X
RANDOLPH RD & DALEWOOD DR	X18004	County		X
RANDOLPH RD & DEWEY RD	X15983	County		X
ROCKVILLE PIKE	X15275	County	X	
ROCKVILLE PIKE & EDMONSTON DR	X12204	Rockville	X	X
ROCKVILLE PIKE & JONES BRIDGE RD	X15290	County	X	
ROCKVILLE PIKE & MARINELLI RD	X13981	County	X	
ROCKVILLE PIKE & OLD GEORGETOWN RD	X13869	County	X	
RUSSELL AVE & ODENDHAL AVE	X06611	Gaithersburg		X
SEVEN LOCKS RD & WOOTTON PKWY	X10386	Rockville		
SHADY GROVE RD & DARNESTOWN RD	X07202	County		
SHADY GROVE RD & FALLSGROVE BLVD & MEDICAL CENTER WAY	X07356	County		
SLIGO CREEK PKWY & WAYNE AVE	X22310	County		X
UNIVERSITY BLVD & CARROLL AVE	X23491	County	X	X
UNIVERSITY BLVD & GRANDVIEW AVE	X19428	County	X	X
UNIVERSITY BLVD & NEWPORT MILL RD & DECATUR AVE	X17608	County	X	
UNIVERSITY BLVD & PINEY BRANCH RD	X23339	County	X	X
UNIVERSITY BLVD & SLIGO CREEK PKWY	X21057	County	X	
VEIRS MILL RD & 1ST ST	X12059	Rockville	X	X
WISCONSIN AVE & BRADLEY LN & BRADLEY BLVD	X15866	County	X	
WISCONSIN AVE & MONTGOMERY LN & MONTGOMERY AVE	X15570	County	X	
WISCONSIN AVE & WOODMONT AVE & LELAND ST	X15718	County	X	
WOOTTON PKWY & TOWER OAKS BLVD	X11038	Rockville		

Attachment C:

Excerpt from Predictive Safety Analysis

INCREASE ALL-RED CLEARANCE INTERVAL: BOULEVARDS, DOWNTOWN BOULEVARDS, TOWN CENTER BOULEVARDS, MAJOR HIGHWAYS

Location	Location ID	Jurisdiction	State Road	EEA
CASTLE BLVD & BRIGGS CHANEY RD & AUTOMOBILE BLVD	X24946	County		X
COLESVILLE RD & FENTON ST	X21234	County	X	X
COLESVILLE RD & SPRING ST	X21285	County	X	X
COLESVILLE RD & UNIVERSITY BLVD	X22131	County	X	
COLESVILLE RD & UNIVERSITY BLVD	X22171	County	X	
COLESVILLE RD & WAYNE AVE & 2ND AVE	X21066	County	X	X
CONNECTICUT AVE & ASPEN HILL RD	X16764	County	X	X
CONNECTICUT AVE & BEL PRE RD	X17855	County		X
CONNECTICUT AVE & RANDOLPH RD	X17475	County	X	X
EAST WEST HWY & GRUBB RD	X19520	County	X	X
EAST WEST HWY & SUNDALE DR & WASHINGTON AVE	X20148	County	X	X
FREDERICK RD & MIDDLEBROOK RD	X04073	County	X	
GEORGIA AVE & BEL PRE RD	X16842	County	X	X
GEORGIA AVE & CONNECTICUT AVE	X16983	County	X	
GEORGIA AVE & JUDSON RD & LAYHILL RD	X19619	County	X	X
GEORGIA AVE & RANDOLPH RD	X19744	County	X	X
GEORGIA AVE & REEDIE DR	X19641	County	X	X
GEORGIA AVE & UNIVERSITY BLVD	X19555	County	X	X
GEORGIA AVE & WAYNE AVE	X21244	County	X	X
GERMANTOWN RD & CRYSTAL ROCK DR	X02358	County	X	X
GERMANTOWN RD & WISTERIA DR	X01883	County	X	
GREAT SENECA HWY & MUDDY BRANCH RD	X05564	Gaithersburg	X	X
GREAT SENECA HWY & WISTERIA DR	X02330	County	X	X
INDIANOLA DR & CRABBS BRANCH WAY	X10811	County		
LAYHILL RD & BONIFANT RD & BEL PRE RD	X20233	County	X	
MIDDLEBROOK RD & CRYSTAL ROCK DR	X02232	County		X
MONTGOMERY VILLAGE AVE & LOST KNIFE RD & CHRISTOPHER AVE	X06574	County	X	X
NEW HAMPSHIRE AVE & ADELPHI RD & DILSTON RD	X24164	County	X	X
NEW HAMPSHIRE AVE & LOCKWOOD DR	X23608	County	X	
NEW HAMPSHIRE AVE & OAKVIEW DR	X24208	County	X	X
NEW HAMPSHIRE AVE & RANDOLPH RD	X22906	County	X	
OLD COLUMBIA PIKE & FAIRLAND RD	X24695	County		X
RANDOLPH RD & DALEWOOD DR	X18004	County		X
RANDOLPH RD & GLENALLAN AVE	X20211	County		X
RANDOLPH RD & OLD COLUMBIA PIKE	X24547	County		X
RANDOLPH RD & VEIRS MILL RD	X16598	County	X	X
ROCKVILLE PIKE & CALIFORNIA CIR & BOU AVE	X13404	County	X	
ROCKVILLE PIKE & MARINELLI RD	X13981	County	X	
ROCKVILLE PIKE & TUCKERMAN LN	X14550	County	X	
SHADY GROVE RD & MUNCASTER MILL RD & AIRPARK RD	X11479	County	X	X
TWINBROOK PKWY & FISHERS LN	X13672	County		X
TWINBROOK PKWY & PARKLAWN DR & WICOMICO AVE	X13670	County		X
UNIVERSITY BLVD & PINEY BRANCH RD	X23339	County	X	X
UNIVERSITY BLVD & VEIRS MILL RD	X19201	County	X	X
VEIRS MILL RD & CONNECTICUT AVE	X17318	County	X	
VEIRS MILL RD & FERRARA AVE	X17084	County	X	X
VEIRS MILL RD & GAYNOR RD & PARKLAND DR	X15745	County	X	X
VEIRS MILL RD & GRIDLEY RD & SHOP CTR CUT THRU	X16448	County	X	X
VEIRS MILL RD & TWINBROOK PKWY	X14065	County	X	X
WOODFIELD RD & SNOUFFER SCHOOL RD & MUNCASTER MILL RD	X10522	County	X	X

Attachment C:

Excerpt from Predictive Safety Analysis

INCREASE ALL-RED CLEARANCE INTERVAL: ALL OTHER STREET TYPES

Location	Location ID	Jurisdiction	State Road	EEA
2ND AVE & FENWICK LN	X20956	County		X
ASBURY DR & LOST KNIFE RD & ODENDHAL AVE	X07089	Gaithersburg		X
BALTIMORE RD & 1ST ST & NORBECK RD	X12167	Rockville	X	
BONIFANT ST & FENTON ST	X21402	County		
CHERRY LAUREL LN & MOONEY DR & SNOUFFER SCHOOL RD	X10038	County		
CLOPPER RD & FIRSTFIELD RD	X05167	Gaithersburg	X	X
CLOPPER RD & METROPOLITAN GROVE RD & TWELVE OAKS DR	X04889	Gaithersburg	X	X
CLOPPER RD & WATKINS MILL RD & PHEASANT RUN DR	X04539	Gaithersburg	X	X
CROFTON HILL LN & MONTGOMERY AVE & RESEARCH BLVD	X08749	Rockville	X	
ELLSWORTH DR & FENTON ST	X21323	County		X
FENTON ST & PHILADELPHIA AVE & BURLINGTON AVE	X21446	County	X	X
FIRSTFIELD RD & QUINCE ORCHARD RD	X05406	Gaithersburg	X	X
FOREST GLEN RD & SEMINARY RD & CAPITOL VIEW AVE	X19250	County	X	
FREDERICK AVE & DEER PARK DR & DEER PARK RD	X07947	Gaithersburg	X	X
FREDERICK AVE & MONTGOMERY VILLAGE AVE	X05936	Gaithersburg	X	X
FREDERICK AVE & PERRY PKWY & LAKEFOREST BLVD	X06192	Gaithersburg	X	X
FREDERICK AVE & SUMMIT AVE	X07425	Gaithersburg	X	X
FREDERICK AVE & TRAVIS AVE & SPECTRUM AVE	X05227	Gaithersburg	X	X
FREDERICK AVE & WATKINS MILL RD	X05461	Gaithersburg	X	X
FREDERICK AVE & WESTLAND DR	X08409	Gaithersburg	X	X
GREAT SENECA HWY & ORCHARD RIDGE DR & KENTLANDS BLVD	X04638	Gaithersburg	X	
HUNGERFORD DR & WASHINGTON ST & A ST	X11086	Rockville	X	X
MONTROSE PKWY & CHAPMAN AVE & RANDOLPH RD	X13932	County		
MONTROSE RD & JEFFERSON ST	X12862	County		
ODENDHAL AVE & GOSHEN RD	X07602	Gaithersburg		X
OLD GEORGETOWN RD & EXECUTIVE BLVD	X13408	County	X	
PARKLAND DR & ASPEN HILL RD	X16216	County		X
PINEY BRANCH RD & DEVON RD & PINEY BRANCH RD	X22404	County	X	
RANDOLPH RD & NEBEL ST	X14147	County		
ROCK SPRING DR & MARRIOTT DR & FERNWOOD RD	X12123	County		
ROCKVILLE PIKE & CHAPMAN AVE & HALPINE RD	X13005	Rockville	X	X
ROCKVILLE PIKE & EDMONSTON DR	X12204	Rockville	X	X
ROCKVILLE PIKE & MIDDLE LN & PARK RD	X11402	Rockville	X	X
ROCKVILLE PIKE & RICHARD MONTGOMERY DR & DODGE ST	X11662	Rockville	X	X
ROCKVILLE PIKE & TWINBROOK PKWY & ROLLINS AVE	X13230	Rockville	X	
ROCKVILLE PIKE & WOOTTON PKWY & 1ST ST	X11989	Rockville	X	X
ROLLINS AVE & JEFFERSON ST	X12839	Rockville		
RUSSELL AVE & CHRISTOPHER AVE	X05851	Gaithersburg		X
RUSSELL AVE & ODENDHAL AVE	X06611	Gaithersburg		X
SLIGO AVE & FENTON ST	X21415	County		X
SLIGO CREEK PKWY & WAYNE AVE	X22310	County		X
THAYER AVE & FENTON ST	X21408	County		
TWINBROOK PKWY & CHAPMAN AVE	X13419	Rockville		
VEIRS MILL RD & 1ST ST	X12059	Rockville	X	X
VEIRS MILL RD & BROADWOOD DR	X13028	Rockville	X	X
WAYNE AVE & DIXON AVE & DISCOVERY PL	X21175	County		X
WAYNE AVE & FENTON ST	X21388	County		X
WAYNE AVE & RAMSEY AVE	X21114	County		X
WESTLAKE TER & WESTLAKE DR	X11427	County		
WOODFIELD RD & MAIN ST	X06840	County	X	

Attachment C:

Excerpt from Predictive Safety Analysis

MINI-ROUNDBOUT

Location	Location ID	Jurisdiction	State Road	EEA
2ND AVE & BALLARD ST	X20817	County		
2ND AVE & HANOVER ST	X20457	County		
2ND AVE & LUZERNE AVE	X20348	County		
2ND AVE & ROOKWOOD RD	X20329	County		
AMHERST AVE & ELKIN ST	X19950	County		X
ARDENNES AVE & CRAWFORD DR	X13344	Rockville		X
BAUER DR & ARCTIC AVE	X15538	County		
BLUERIDGE AVE & GRANDVIEW AVE	X19422	County		X
BRUNETT AVE & FOREST GLEN RD	X21569	County		
DAIRYMAID DR & METZ DR	X01825	County		
DEBORAH DR & BELLS MILL RD	X09874	County		
DUVALL LN & DEER PARK RD	X06868	Gaithersburg		X
EDINBURGH LN & MAPLE AVE & MAPLEWOOD AVE	X22773	Takoma Park		
ELGIN RD & FISHER AVE	X00097	Poolesville	X	
EXECUTIVE BLVD & WOODGLEN DR	X13942	County		
FERRARA DR & CHARLES RD	X16468	County		X
FLOWER AVE & DOMER AVE	X22819	Takoma Park	X	
FLOWER AVE & HOUSTON AVE	X22912	Takoma Park	X	
FLOWER AVE & KENNEBEC AVE	X22942	Takoma Park	X	
FLOWER AVE & WABASH AVE	X22892	Takoma Park	X	X
GAINSBOROUGH RD & BELLS MILL RD	X09352	County		
GATESHEAD MANOR WAY & ASTON MANOR DR	X25138	County		X
GRANDVIEW AVE & ENNALLS AVE	X19456	County		X
GRIDLEY LN & INWOOD AVE	X20842	County		
GROVE ST & THAYER AVE	X21537	County		
HALPINE RD & ARDENNES AVE	X13506	Rockville		X
HERITAGE HILLS DR & QUEEN ELIZABETH DR	X17758	County		
HILDEGARD LN & THOMPSON RD & PEACH ORCHARD RD	X24598	County		
HOLLY AVE & PHILADELPHIA AVE	X22109	Takoma Park	X	
JAMES ST & CEDAR AVE	X07032	Gaithersburg		X
LANARK WAY & LORAIN AVE	X21861	County		
MEADOW HALL DR & MC AULIFFE DR	X13977	Rockville		
NORMANDY CROSSING DR & HOMECREST RD & LONGMEAD CROSSING DR	X19335	County		
PARK AVE & BROOKES AVE	X07333	Gaithersburg		X
PINNACLE DR & CENTURY BLVD	X02176	County		
QUINTON RD & SUNDALE DR	X20082	County		X
RAINBOW DR & GOOD HOPE RD	X24157	County		
ROCKING HORSE RD & BOILING BROOK PKWY	X15151	County		X
RUSSELL AVE & BROOKES AVE	X07189	Gaithersburg		X
SHAKESPEARE BLVD & NEELSVILLE CHURCH RD	X04098	County		
SPENCER RD & RICHLAND ST & SUNDALE DR	X20130	County		X
ST PAUL ST & PLYERS MILL RD	X17828	County		
SUMMIT HALL RD & DEER PARK RD	X07169	Gaithersburg		X
TAYLOR ST & BROOKVILLE RD	X17734	County	X	
TSCHIFFELY SQUARE RD & KENT OAKS WAY	X03413	Gaithersburg		
TULIP AVE & MAPLE AVE	X22123	Takoma Park		
WEISMAN RD & GRANDVIEW AVE	X19500	County		X
WELLER RD & HATHAWAY DR	X18499	County		X
WINDHAM LN & INWOOD AVE	X20820	County		
WINDMILL LN & GOOD HOPE RD	X23911	County		

Attachment C:

Excerpt from Predictive Safety Analysis

ALL-WAY STOP CONTROL

Location	Location ID	Jurisdiction	State Road	EEA
2ND AVE & GLEN ROSS RD	X20366	County		
AMBASSADOR DR & DEERWATER DR & WATERS LANDING DR	X01156	County		
ANN DYKE WAY & WATERS LANDING DR	X01030	County		
ARCOLA AVE & GRANDVIEW AVE	X19421	County		X
ARGYLE CLUB LN & VILLAGE GATE DR & LONGMEAD CROSSING DR	X20107	County		
BENT WILLOW CT & PARTRIDGE WOOD DR & WISTERIA DR	X02519	County		X
BRADFORD RD & MANCHESTER RD	X22527	County		X
BRADMOOR DR & GREENTREE RD	X13237	County		
BRIGHTON DR & DEER PARK RD	X07305	Gaithersburg		X
BRUNSWICK AVE & PLYERS MILL RD	X19233	County		
CAROLINE AVE & FRANKLIN AVE	X22173	County		X
CHESTER ST & WILDWOOD DR & CARROLL AVE	X23447	County	X	X
COLLEGE VIEW DR & NEWPORT MILL RD	X18236	County		
COLSTON DR & GRUBB RD	X19622	County		X
DALLAS AVE & FOREST GLEN RD	X21439	County		
DRUMM AVE & PLYERS MILL RD	X18180	County		
EADES ST & ASPEN HILL RD	X15434	County		X
ELM AVE & ETHAN ALLEN AVE	X23253	Takoma Park	X	
EPPING RD & SHERATON ST & DENLEY PL & DENLEY RD	X18730	County		X
EVANS PKWY & MEDICAL PARK DR & DENNIS AVE	X20517	County		
FLOWER AVE & HUDSON AVE	X22891	Takoma Park	X	X
FLOWER AVE & MELBOURNE AVE	X22487	County		
FLOWER AVE & SCHUYLER RD	X22560	County		
FOREST BROOK RD & WARING STATION RD	X03139	County		
FOREST BROOK RD & WINDING CREEK WAY & WARING STATION RD	X03136	County		
GIST AVE & FENTON ST	X21417	County		
GRANT AVE & MAPLE AVE	X22373	Takoma Park		
GRUBB RD & WASHINGTON AVE	X19880	County		X
HOTTINGER CIR & STONEY BOTTOM RD & WARING STATION RD	X02895	County		
IRIS PL & ASPEN HILL RD	X15664	County		X
IRIS ST & ASPEN HILL RD	X15586	County		X
JULEP AVE & DENNIS AVE	X20869	County		
LAWRENCE AVE & NEWPORT MILL RD	X17599	County		
LEATHERBARK DR & FOREST BROOK RD & WARING STATION RD	X03266	County		
LITTLE SENECA PKWY & SPICEBUSH DR	X03419	County		
LUND PL & MADISON ST & NEWPORT MILL RD	X17730	County		
MARTINS LANDING DR & SILVERGATE WAY & WISTERIA DR	X02846	County		
MONROE ST & SEMINARY RD	X20018	County		
MORNINGSIDE DR & TAMARACK RD	X23858	County		
NORMANDY CROSSING DR & LADYMEADE DR & LONGMEAD CROSSING DR	X19556	County		
OCALA ST & FRANKLIN AVE	X22249	County		X
ORIENTAL ST & ASPEN HILL RD	X15527	County		X
SAYBROOK AVE & FRANKLIN AVE	X22376	County		
SPENCER RD & GRUBB RD	X19420	County		X
STONEY BOTTOM RD & ESMOND TER & WARING STATION RD	X03003	County		
TWINBROOK PKWY & MEADOW HALL DR	X14115	Rockville		
WAYNE AVE & BRADFORD RD	X22565	County		X
WELLER RD & FLACK ST	X18672	County		X
WIMBLEDON DR & LADYMEADE DR & LONGMEAD CROSSING DR	X19963	County		
WIRE AVE & FRANKLIN AVE	X22318	County		X

Attachment C:

Excerpt from Predictive Safety Analysis

TRAFFIC SIGNAL (ANGLE CRASHES)

Location	Location ID	Jurisdiction	State Road	EEA
BELLS MILL RD & DEMOCRACY BLVD	X12551	County		
COLESVILLE RD & HASTINGS DR & GRANVILLE DR	X21898	County	X	
COLESVILLE RD & LORAIN AVE	X22274	County	X	
COLESVILLE RD & TIMBERWOOD AVE	X22222	County	X	
COLUMBIA PIKE & NORTHWEST DR	X23093	County	X	
COLUMBIA PIKE & OAK LEAF DR	X23308	County	X	
CONNECTICUT AVE & DECATUR AVE	X17296	County	X	
CONNECTICUT AVE & DUPONT AVE	X17234	County	X	
CONNECTICUT AVE & HOWARD AVE	X17147	County	X	
FREDERICK RD & GAME PRESERVE RD & FREDERICK AVE	X04946	County	X	X
FREDERICK RD & SCENERY DR & GUNNERS BRANCH RD	X04103	County	X	X
GEORGIA AVE & BALLARD ST	X20928	County	X	
GEORGIA AVE & BATCHELLORS FOREST RD & HILLCROFT DR	X17529	County	X	
GEORGIA AVE & BONNYWOOD LN & TILTON DR	X20310	County	X	
GEORGIA AVE & DAWSON AVE & LEESBOROUGH DR	X19502	County	X	X
GEORGIA AVE & DAYTON ST & PREDELLA DR	X20023	County	X	
GEORGIA AVE & EVANS PKWY & EVANS DR	X20067	County	X	
GEORGIA AVE & HENDERSON AVE	X19562	County	X	X
GEORGIA AVE & HIGHLAND DR	X20760	County	X	
GEORGIA AVE & KAYSON ST	X18464	County	X	X
GEORGIA AVE & KING ST	X21261	County	X	X
GEORGIA AVE & LINDELL ST & GEORGIAN WAY	X19686	County	X	X
GEORGIA AVE & NOYES DR	X20856	County	X	
GEORGIA AVE & PARKER AVE	X19539	County	X	X
GEORGIA AVE & WELLER RD	X18817	County	X	X
NEW HAMPSHIRE AVE & ELDRID DR	X23012	County	X	
NEW HAMPSHIRE AVE & OAKLAWN CT & OAKLAWN DR	X24087	County	X	
NEW HAMPSHIRE AVE & PARKMAN RD & OVERLOOK DR	X24146	County	X	
NEW HAMPSHIRE AVE & SHAW AVE	X22831	County	X	
NEW HAMPSHIRE AVE & TANLEY RD	X23434	County	X	
RANDOLPH RD & ATHERTON DR	X17099	County		X
RANDOLPH RD & BREGMAN RD	X22652	County		
RANDOLPH RD & BUSHEY DR	X16972	County		X
RANDOLPH RD & CHARLES RD	X16301	County		X
RANDOLPH RD & ENGLISH ORCHARD CT & HEURICH RD	X20445	County		X
RANDOLPH RD & GOODHILL RD	X17777	County		X
ROCKVILLE PIKE & BROAD BROOK DR & ELSMERE AVE	X15158	County	X	
ROCKVILLE PIKE & WICKSHIRE WAY & FLANDERS AVE	X14310	County	X	
UNIVERSITY BLVD & DEARBORN AVE & MOSS AVE	X22944	County	X	
UNIVERSITY BLVD & DRUMM AVE & HILLSDALE DR	X18616	County	X	
UNIVERSITY BLVD & ELKIN ST	X19713	County	X	X
UNIVERSITY BLVD & INDIAN SPRING DR	X22761	County	X	
UNIVERSITY BLVD & KERWIN RD	X21655	County	X	
UNIVERSITY BLVD & LANGLEY DR	X23323	County	X	X
UNIVERSITY BLVD & LORAIN AVE	X22001	County	X	
UNIVERSITY BLVD & MELBOURNE AVE	X23051	County	X	
UNIVERSITY BLVD & PERRY AVE	X17470	County	X	
VEIRS MILL RD & MONTERREY DR & SCHOOLHOUSE CIR	X18720	County	X	X
VEIRS MILL RD & PENDLETON DR	X18132	County	X	
WISCONSIN AVE & AVONDALE ST & COMMERCE LN	X15498	County	X	

Attachment C:

Excerpt from Predictive Safety Analysis

RESTRICT TO LEFT-IN ACCESS

Location	Location ID	Jurisdiction	State Road	EEA
16TH ST & GRACE CHURCH RD	X20580	County	X	
CLIFF PINE DR & BRENISH DR & WOODFIELD RD	X11280	County	X	
CLOPPER RD & LIBERTY MILL RD	X01153	County	X	
CONNECTICUT AVE & BALTIMORE ST	X17155	County	X	
CONNECTICUT AVE & BLACKTHORN ST	X17055	County	X	
CONNECTICUT AVE & BRIGHTVIEW ST	X17376	County	X	X
CONNECTICUT AVE & DUNNEL LN	X16783	County	X	
CONNECTICUT AVE & FRANKLIN ST	X16955	County	X	
CONNECTICUT AVE & GREENLY ST	X17524	County	X	X
CONNECTICUT AVE & IRVING ST	X17037	County	X	
CONNECTICUT AVE & KIRKE ST	X17033	County	X	
CONNECTICUT AVE & LELAND ST	X17051	County	X	
CONNECTICUT AVE & LENOX ST	X17034	County	X	
CONNECTICUT AVE & MELROSE ST	X17038	County	X	
CONNECTICUT AVE & NEWLANDS ST	X17027	County	X	
CONNECTICUT AVE & NEWLANDS ST	X17031	County	X	
CONNECTICUT AVE & OXFORD ST	X17039	County	X	
CONNECTICUT AVE & THORNAPPLE ST	X17047	County	X	
CONNECTICUT AVE & UNDERWOOD ST	X17042	County	X	
CONNECTICUT AVE & VIRGILIA ST & WILLIAMS LN	X17048	County	X	
CONNECTICUT AVE & WOODBINE ST	X17046	County	X	
DARNESTOWN RD & ARGOSY DR & DUFIEF MILL RD	X05148	County	X	
GERMANTOWN RD & MILLENIUM CT & CIDER BARREL DR	X03457	County	X	
OLD GEORGETOWN RD & ALTA VISTA RD	X14066	County	X	

Attachment C:

Excerpt from Predictive Safety Analysis

CENTERLINE RUMBLE STRIP

Location	Location ID	Jurisdiction	State Road	EEA
ASHTON RD BETWEEN TUCKER LN & ASHLAND DR	S29819	County	X	
BARNESVILLE RD BETWEEN SUGAR RIDGE TER & PEACH TREE RD	S31695	County		
BEALLSVILLE RD BETWEEN ALMANNA FRM CUT THRU & BIG WOODS RD	S32029	County	X	
BUCKLODGE RD BETWEEN MOORE RD & DARNESTOWN RD	S31874	County	X	
BUCKLODGE RD BETWEEN OLD BUCKLODGE LN & WHITES STORE RD	S29528	County	X	
BUCKLODGE RD BETWEEN WHITES STORE RD & MOORE RD	S31827	County	X	
BURNT HILL RD BETWEEN KINGSTEAD RD & KINGSLEY RD	S29142	County		
BURNT HILL RD BETWEEN PRICES DISTILLERY RD & KINGSTEAD RD	S29063	County		
CLARKSBURG RD BETWEEN HYATTSTOWN MILL RD & SNOWDEN FARM PKWY	S29618	County		
CLARKSBURG RD BETWEEN LEWISDALE RD & HYATTSTOWN MILL RD/KINGSLEY RD	S29187	County		
CLARKSBURG RD BETWEEN OLD BALTIMORE RD & CHRISMAN HILL DR	S31253	County	X	
DAMASCUS RD BETWEEN FARM ACCESS RD & WINDCREST LN	S31698	County	X	
DARNESTOWN RD BETWEEN BELLINGHAM DR & WHITES FERRY RD	S29517	County	X	
DARNESTOWN RD BETWEEN BUCKLODGE RD & CATTAIL RD	S30441	County	X	
DARNESTOWN RD BETWEEN BUCKLODGE RD & WHITE GROUND RD	S28811	County	X	
DARNESTOWN RD BETWEEN DICKERSON RD/MARTINSBURG RD & HUNTER RD	S29457	County	X	
DARNESTOWN RD BETWEEN EDEN ROCK CT & SPRING MEADOWS DR	S31007	County	X	
DARNESTOWN RD BETWEEN JERUSALEM RD & BEALLSVILLE RD	S29600	County	X	
DARNESTOWN RD BETWEEN GERMANTOWN RD & BERRYVILLE RD	S31300	County	X	
DICKERSON RD BETWEEN DICKERSON CHURCH RD & DARNESTOWN RD	S31471	County	X	
EDWARDS FERRY RD BETWEEN WASCHE RD/WHITES FERRY RD & CLUB HOLLOW RD	S29690	County		
EDWARDS FERRY RD BETWEEN WESTERLY RD & OFFUTT RD	S29790	County		
ELMER SCHOOL RD AT WHITES FERRY RD	S29754	County		
GEORGIA AVE BETWEEN NEW HAMPSHIRE AVE/DAMASCUS RD & GREGG RD	S32094	County	X	
GERMANTOWN RD BETWEEN BLACK ROCK RD & CITIZENS LN	S31559	County	X	
GREGG RD BETWEEN GEORGIA AVE & GREGG CT	S29139	County		
HUNTER RD BETWEEN DARNESTOWN RD & WASCHE RD	S32170	County		
LAYTONSVILLE RD BETWEEN HAWKINS CREAMERY RD & ROCKY RD	S32014	County	X	
MARTINSBURG RD BETWEEN DICKERSON CP ENT & WHITES FERRY RD	S30242	County		
PARTNERSHIP RD BETWEEN SUGARLAND RD & RIVER RD	S31524	County		
PARTNERSHIP RD BETWEEN WHITES FERRY RD & SUGARLAND RD	S31788	County		
PEACH TREE RD BETWEEN BARNESVILLE RD & SELLMAN RD	S31669	County		
PEACH TREE RD BETWEEN BETH FARM CUT THRU/MOORE RD & DARNESTOWN RD	S29530	County		
PEACH TREE RD BETWEEN COMUS RD & OLD BALTIMORE RD	S31636	County		
RIDGE RD BETWEEN BROWN CHURCH RD & KEMPTOWN RD	S29635	County	X	
RIVER RD BETWEEN HUNTING QUARTER RD & HUGHES RD	S28058	County		
RIVER RD BETWEEN MAIDENS BOWER DR/LONGACRES PRESERVE CT & PETTIT WAY	S27884	County	X	
RIVER RD BETWEEN PARTNERSHIP RD & HUNTING QUARTER RD	S31635	County		
SLIDELL RD BETWEEN COMUS RD & OLD BALTIMORE RD	S31513	County		
SLIDELL RD BETWEEN OLD BALTIMORE RD & BARNESVILLE RD	S31748	County		
SUGARLAND RD BETWEEN MONTEVIDEO RD & PARTNERSHIP RD	S31820	County		
SUGARLAND RD BETWEEN SUGARLAND LN & HUGHES RD	S29104	County		
WASCHE RD AT HUNTER RD	S29665	County		
WHITES FERRY RD BETWEEN ELMER SCHOOL RD & RIVER RD	S29236	County		
WHITES FERRY RD BETWEEN MORROW RD & PARTNERSHIP RD	S31883	County	X	
WHITES FERRY RD BETWEEN SUGARLAND RD & MORROW RD	S32015	County	X	
WHITES STORE RD BETWEEN BUCKLODGE RD & PEACH TREE RD	S31889	County		
WILLARD RD BETWEEN OFFUTT RD & IZAAK WALTON WAY	S30294	County		
WOODFIELD RD BETWEEN WATKINS RD & DEANNA DR	S32057	County	X	
ZION RD BETWEEN RIGGS RD & BROOKEVILLE RD	S29439	County		

Attachment C:

Excerpt from Predictive Safety Analysis

REDUCE SPEEDS BY 5 MPH

Location	Location ID	Jurisdiction	State Road	EEA
ASHTON RD BETWEEN TUCKER LN & ASHLAND DR	S29819	County	X	
BARNESVILLE RD BETWEEN CLARKSBURG RD & GANLEY RD	S31109	County	X	
BARNESVILLE RD BETWEEN SUGAR RIDGE TER & PEACH TREE RD	S31695	County		
BEALLSVILLE RD BETWEEN ALMANNA FRM CUT THRU & BIG WOODS RD	S32029	County	X	
BROOKEVILLE RD BETWEEN GRAYHEAVEN MANOR RD & ZION RD	S32422	County		
BUCKLODGE RD BETWEEN MOORE RD & DARNESTOWN RD	S31874	County	X	
BUCKLODGE RD BETWEEN OLD BUCKLODGE LN & WHITES STORE RD	S29528	County	X	
BUCKLODGE RD BETWEEN WHITES STORE RD & MOORE RD	S31827	County	X	
BURNT HILL RD BETWEEN KINGSTEAD RD & KINGSLEY RD	S29142	County		
BURNT HILL RD BETWEEN PRICES DISTILLERY RD & KINGSTEAD RD	S29063	County		
CLARKSBURG RD BETWEEN BARNES RD & PRICES DISTILLERY RD	S29593	County		
CLARKSBURG RD BETWEEN HYATTSTOWN MILL RD & SNOWDEN FARM PKWY	S29618	County		
CLARKSBURG RD BETWEEN LEWISDALE RD & HYATTSTOWN MILL RD/KINGSLEY RD	S29187	County		
CLARKSBURG RD BETWEEN OLD BALTIMORE RD & CHRISMAN HILL DR	S31253	County	X	
CLARKSBURG RD BETWEEN WOODVIEW DR & MOXLEY RD	S29550	County		
DAMASCUS RD BETWEEN FARM ACCESS RD & WINDCREST LN	S31698	County	X	
DAMASCUS RD BETWEEN NEW HAMPSHIRE AVE/GEORGIA AVE & SUNDOWN RD	S31487	County	X	
DARNESTOWN RD BETWEEN EDEN ROCK CT & SPRING MEADOWS DR	S31007	County	X	
DARNESTOWN RD BETWEEN JERUSALEM RD & BEALLSVILLE RD	S29600	County	X	
DICKERSON RD BETWEEN DICKERSON CHURCH RD & DARNESTOWN RD	S31471	County	X	
EDWARDS FERRY RD BETWEEN WASCHE RD/WHITES FERRY RD & CLUB HOLLOW RD	S29690	County		
EDWARDS FERRY RD BETWEEN WESTERLY RD & OFFUTT RD	S29790	County		
ELMER SCHOOL RD AT WHITES FERRY RD	S29754	County		
GEORGIA AVE BETWEEN NEW HAMPSHIRE AVE/DAMASCUS RD & GREGG RD	S32094	County	X	
GERMANTOWN RD BETWEEN BLACK ROCK RD & CITIZENS LN	S31559	County	X	
GREGG RD BETWEEN GEORGIA AVE & GREGG CT	S29139	County		
HAWKINS CREAMERY RD BETWEEN HAWKINS CREAMERY CT & HAWKINS LANDING	S31606	County		
HUNTER RD BETWEEN DARNESTOWN RD & WASCHE RD	S32170	County		
LAYTONSVILLE RD BETWEEN ROCKY RD & GRIFFITH RD	S31750	County	X	
MARTINSBURG RD BETWEEN DICKERSON CP ENT & WHITES FERRY RD	S30242	County		
MONTEVIDEO RD BETWEEN THOROBRED DR & OLD RIVER RD	S31725	County		
PARTNERSHIP RD BETWEEN SUGARLAND RD & RIVER RD	S31524	County		
PARTNERSHIP RD BETWEEN WHITES FERRY RD & SUGARLAND RD	S31788	County		
PEACH TREE RD BETWEEN BARNESVILLE RD & SELLMAN RD	S31669	County		
PEACH TREE RD BETWEEN BETH FARM CUT THRU/MOORE RD & DARNESTOWN RD	S29530	County		
PEACH TREE RD BETWEEN COMUS RD & OLD BALTIMORE RD	S31636	County		
RIDGE RD BETWEEN KEMPTOWN RD & HOLSEY RD	S30053	County	X	
SLIDELL RD BETWEEN COMUS RD & OLD BALTIMORE RD	S31513	County		
SLIDELL RD BETWEEN OLD BALTIMORE RD & BARNESVILLE RD	S31748	County		
SPENCERVILLE RD BETWEEN OURSLER RD & PEACH ORCHARD RD	S29445	County	X	
SUGARLAND RD BETWEEN MONTEVIDEO RD & PARTNERSHIP RD	S31820	County		
SUGARLAND RD BETWEEN SUGARLAND LN & HUGHES RD	S29104	County		
WASCHE RD AT HUNTER RD	S29665	County		
WASCHE RD BETWEEN HUNTER RD & EDWARDS FERRY RD/WHITES FERRY RD	S29164	County		
WHITES FERRY RD BETWEEN MORROW RD & PARTNERSHIP RD	S31883	County	X	
WHITES FERRY RD BETWEEN SUGARLAND RD & MORROW RD	S32015	County	X	
WHITES STORE RD BETWEEN BUCKLODGE RD & PEACH TREE RD	S31889	County		
WILLARD RD BETWEEN OFFUTT RD & IZAAK WALTON WAY	S30294	County		
WOODFIELD RD BETWEEN EXODUS DR & BRINK RD	S32189	County	X	
ZION RD BETWEEN RIGGS RD & BROOKEVILLE RD	S29439	County		

Attachment C:

Excerpt from Predictive Safety Analysis

AUTOMATED SPEED ENFORCEMENT

Location	Location ID	Jurisdiction	State Road	EEA
COLESVILLE RD BETWEEN LANARK WAY & HASTINGS DR/GRANVILLE DR	S26501	County	X	
COLESVILLE RD BETWEEN TOMS DR/COLUMBIA PIKE & CRESTMOOR DR	S28613	County	X	
COLUMBIA PIKE BETWEEN BLACKBURN RD & GREENCASTLE RD	S26732	County	X	
COLUMBIA PIKE BETWEEN BRIGGS CHANEY RD & FAIRLAND RD	S31960	County	X	
COLUMBIA PIKE BETWEEN FAIRLAND RD & MUSGROVE RD	S26733	County	X	X
COLUMBIA PIKE BETWEEN GREENCASTLE RD & BRIGGS CHANEY RD	S26439	County	X	
COLUMBIA PIKE BETWEEN INDUSTRIAL PKWY & OLD COLUMBIA CUTOVER PIKE	S27077	County	X	
COLUMBIA PIKE BETWEEN MUSGROVE RD & RANDOLPH RD/CHERRY HILL RD	S27557	County	X	X
COLUMBIA PIKE BETWEEN RANDOLPH RD/CHERRY HILL RD & TECH RD	S26235	County	X	X
COLUMBIA PIKE BETWEEN SANDY SPRING RD & BLACKBURN RD	S28217	County	X	
COLUMBIA PIKE BETWEEN STEWART LN & NEW HAMPSHIRE AVE	S27214	County	X	X
CONNECTICUT AVE AT DENFELD AVE	S28662	County	X	
CONNECTICUT AVE BETWEEN BEACH DR & WOODLAWN RD	S28021	County	X	
CONNECTICUT AVE BETWEEN DENFELD AVE & LAWRENCE AVE	S27067	County	X	
CONNECTICUT AVE BETWEEN INDEPENDENCE ST & DEAN RD	S27902	County	X	X
FREDERICK AVE BETWEEN CHRISTOPHER AVE & MONTGOMERY VILLAGE AVE	S26333	Gaithersburg	X	X
FREDERICK AVE BETWEEN MONTGOMERY VILLAGE AVE & PERRY PKWY	S26404	Gaithersburg	X	X
FREDERICK AVE BETWEEN TRAVIS AVE/SPECTRUM AVE & PARAMOUNT PARK DR	S27204	Gaithersburg	X	X
FREDERICK AVE BETWEEN WATKINS MILL RD & CHRISTOPHER AVE	S26291	Gaithersburg	X	X
FREDERICK RD BETWEEN INDIANOLA DR/WATKINS POND BLVD & GUDE DR	S27276	Rockville	X	
FREDERICK RD BETWEEN RIDGEMONT AVE & SHADY GROVE RD	S29045	Rockville	X	X
FREDERICK RD BETWEEN WHEATFIELD DR & GAME PRESERVE RD/FREDERICK AVE	S28983	County	X	X
GEORGIA AVE BETWEEN BATCHELLORS FOREST RD & THISTLEBRIDGE DR	S26140	County	X	
GEORGIA AVE BETWEEN ROSSMOOR BLVD & BEL PRE RD	S28211	County	X	X
GEORGIA AVE BETWEEN SLIGO AVE & BLAIR MILL RD	S32125	County	X	X
GERMANTOWN RD BETWEEN BOWMAN MILL DR & DAWSON FARM RD	S28022	County	X	
GERMANTOWN RD BETWEEN OBSERVATION DR & SENECA MEADOWS PKWY	S28731	County	X	
HUNGERFORD DR BETWEEN WASHINGTON ST/A ST & STATION3 DR	S26698	Rockville	X	X
MIDDLEBROOK RD AT OBSERVATION DR	S29974	County		X
MONTGOMERY VILLAGE AVE BETWEEN FREDERICK AVE & QUINCE ORCHARD RD	S26299	Gaithersburg	X	X
MONTGOMERY VILLAGE AVE BETWEEN LOST KNIFE RD & RUSSELL AVE	S26461	Gaithersburg	X	
MONTROSE RD BETWEEN TILDENWOOD DR & FARM HAVEN DR/HITCHING POST LN	S28566	County		
NEW HAMPSHIRE AVE BETWEEN ELTON RD & OAKVIEW DR	S31745	County	X	X
NEW HAMPSHIRE AVE BETWEEN BONIFANT RD & COLESVILLE MANOR DR	S29844	County	X	
NEW HAMPSHIRE AVE BETWEEN RODNEY RD & OAKLAWN CT/OAKLAWN DR	S27964	County	X	X
RANDOLPH RD BETWEEN DEWEY RD & GAYNOR RD/ROCKING HORSE RD	S26730	County		X
RIDGE RD AT FATHER HURLEY BLVD	S28778	County	X	
RIDGE RD AT OBSERVATION DR	S28874	County	X	
RIDGE RD BETWEEN BRINK RD & HENDERSON CORNER RD	S28570	County	X	
RIDGE RD BETWEEN FREDERICK RD & OBSERVATION DR	S28999	County	X	
ROCKVILLE PIKE BETWEEN TALBOTT ST & TEMPLETON PL	S28727	Rockville	X	X
SHADY GROVE RD BETWEEN CHOKE CHERRY RD & CORPORATE BLVD/RESEARCH CT	S30304	Gaithersburg		
SHADY GROVE RD BETWEEN CRABBS BRANCH WAY & OAKMONT AVE	S29029	County		
SHADY GROVE RD BETWEEN TUPELO DR/EPSILON DR & BRIARDALE RD	S29250	County		
VEIRS MILL RD BETWEEN HAVARD ST & TURKEY BRANCH PKWY	S26711	County	X	X
VEIRS MILL RD BETWEEN TURKEY BRANCH PKWY & GAYNOR RD/PARKLAND DR	S28486	County	X	X
VEIRS MILL RD BETWEEN WHEATON PLZ ENTRANCE CUT/REEDIE DR & GEORGIA AVE	S28708	County	X	X
WISCONSIN AVE BETWEEN EAST WEST HWY& MONTGOMERY LN	S29681	County	X	
WOODFIELD RD BETWEEN CYPRESS HILL DR/RICKENBACKER DR & AIRPARK RD	S28514	County	X	
WOODFIELD RD BETWEEN ROSEWOOD MANOR LN & HADLEY FARMS DR	S26575	County	X	

Attachment C:

Excerpt from Predictive Safety Analysis

APPENDIX K. COUNTERMEASURE COSTS

Countermeasure	Cost	Unit	Source*
All-Way Stop Control	\$5,000	per location	MCDOT
Automated Speed Enforcement	\$0	per location	MCDOT (Costs are offset by revenue)
Centerline Rumble Strip	\$1.50	per foot	MCDOT
Fully Protected Left Turn	\$50,000	per location	MCDOT
High-Visibility Crosswalks	\$3,070	per location	PedBikeSafe
Increase All Red Clearance Interval	\$3,000	per location	PedBikeSafe (comparable to LPI)
Leading Pedestrian Interval	\$3,000	per location	PedBikeSafe
"Left-In-Only" Median	\$50,000	per location	PedBikeSafe
Lighting	\$5,000	per location	PedBikeSafe
Lower Speed Limit by 5 mph	\$1,500	per location	MCDOT
Mini-Roundabout	\$200,000	Per location	MCDOT
Pedestrian Hybrid Beacon	\$175,000	per location	MCDOT
Protected/Permitted Left Turn	\$50,000	per location	MCDOT
Raised Pedestrian Crosswalk	\$15,000	per location	PedBikeSafe
Speed Humps	\$5,000	per location	Speed Humps
Traffic Signal	\$350,000	per location	MCDOT

* PedBikeSafe countermeasures can be found at <http://www.pedbikesafe.org/pedsafe/countermeasures.cfm>.