

Covering July 1, 2020, through June 30, 2021

ANNUAL REPORT

FY 2021

**Delegation of Sediment and Stormwater
Approval Authority**

**Prepared by:
Maryland Department of Transportation
State Highway Administration**

**Submitted to:
Maryland Department of the Environment**



October 9, 2021

Jennifer M. Smith, P.E.
Manager
Sediment, Stormwater & Dam Safety Program
Maryland Department of the Environment
1800 Washington Boulevard, Suite 400
Baltimore MD 21230

Dear Ms. Smith:

We are pleased to submit our annual report, covering fiscal year 2021. This report is in accordance with our July 8, 2014, Memorandum of Understanding and your February 24, 2015, Letter of Authorization. This program will continue to be funded by the Maryland Department of Transportation State Highway Administration (MDOT SHA).

We look forward to continuing our collaborative working relationship with the Maryland Department of the Environment (MDE) to successfully and effectively carry out the activities and responsibilities included in our delegated authority agreement. We are committed to working with MDE to ensure that our processes exceed MDE expectations. We welcome your input to modify or expand future reports to meet MDE requirements. If you have any questions or comments regarding this report, please contact Matthew Keenan, P.E., MDOT SHA Plan Review Division Chief, at 410-545-8821, or via email at MKeenan@mdot.maryland.gov.

Sincerely,



Eric Marabello, P.E.
Director, MDOT SHA Office of Highway Development

cc: Matthew Keenan, P.E., Chief, Plan Review Division, MDOT SHA
Karuna Pujara, P.E., Deputy Director, Office of Highway Development, MDOT SHA
Sonal Ram, P.E., Director, Office of Environmental Design, MDOT SHA

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1.1 MDOT SHA RESPONSE TO MDE FY 2020 REVIEW COMMENTS

Reporting Requirements	MDOT SHA received MDE review comments on the fiscal year (FY) 2020 Annual Report on July 30, 2021. The comment letter states that review comments on MDOT SHA’s SWM and ESC activities will be provided under a separate cover. To date, this comment letter has not been received. Therefore, this table represents an outline of the contents of the FY 2021 Annual Report, instead of a response to review comments.
Reporting	The current report covers FY 2021 (July 1, 2020, through June 30, 2021). This report is included as Appendix A of the MDOT SHA Municipal Separate Storm Sewer System (MS4) Annual Report. Erosion and sediment control (E&SC) and stormwater management (SWM) statistics have been included in the MS4 geodatabase.
Project Status Reports	<p>Approved SWM plans will be available on-site during future field audits and will be provided at MDE’s request.</p> <p>PRD has continued to transition to full electronic plan review. In support of this, PRD has eliminated redundant paper files and hard copies of plans. Plans and reports can either be viewed electronically on PRD’s ProjectWise file management system, printed at MDE’s request, or provided electronically on a USB drive.</p>
QA/QC Activities and Summary of Site Inspections	MDOT SHA ensures quality assurance and quality control (QA/QC) of approved erosion and sediment control plans through inspections of MDOT SHA construction projects for compliance with the approved E&SC Plans. Information on the QA/QC activities of the Quality Assurance Division (QAD) can be found in Section 1.4.
ESD to the MEP Design Elements	<p>In lieu of addressing MDE comments, PRD continues to report tables displaying the types and quantities of waivers issued. This information for the current reporting period is provided in Section 1.5. Of the 83 SWM waivers granted by PRD in FY 2021, 76 were 3.3.A waivers. All 7 “3.3.B” waivers that were issued were 3.3.B.3 waivers that waived management of the 10- or 2-year frequency storm events when downstream flooding is not present, and concurrence is received from the local jurisdiction.</p> <p>The General Approval covering routine maintenance activities, mentioned in the FY 2020 Annual Report, is still under development and has not yet been submitted to MDE for concurrence. However, during FY 2021, PRD did initiate a new process for reviewing maintenance activities that are exempt from PRD review. Previously, all maintenance activities that disturbed earth were reviewed by PRD to confirm that the activity was exempt from PRD review prior to the maintenance activity taking place. This placed a significant workload burden on PRD due to the volume of maintenance activities performed by MDOT SHA maintenance crews and the time critical nature of these requests. To remove PRD as the bottleneck for the maintenance activities and allow PRD to focus on the review and approval of non-exempt projects, PRD is piloting a new process with the MDOT SHA Office of Environmental Design (OED) Environmental Permitting Division (EPD). All maintenance activities are screened and reviewed by EPD to determine if there are any environmental resource impacts, such as wetlands and waterways impacts. EPD now determines if these maintenance activities are exempt from PRD’s SWM and ESC review. If the activity is exempt due to the limited area of earth disturbed, volume of earthwork, and includes no impact to a stormwater management facility, EPD will allow the activity to proceed, and EPD reports monthly on the exempt maintenance activities that have been performed to PRD. This system has been working very well to date. While this new procedure still requires individual non-exempt maintenance activities to go through the full PRD SWM</p>

	and ESC review and approval process, the elimination of the individual exemption reviews from PRD's workload has reduced the immediate need for a maintenance activity General Approval
Changes to the Approved Standard Operating Procedures (SOPs)	<p>PRD is currently working with the MDE State and Federal Plan Review Division to revise the PRD Sediment and Stormwater Guidelines and Procedures. These documents are being updated in preparation for PRD to become a designated approval authority for Small Ponds on behalf of MDE. The latest revision to the Guidelines and Procedures was submitted to MDE State and Federal Plan Review on July 14, 2020, and are currently under review. PRD will not implement updated Sediment and Stormwater Guidelines and Procedure until they are agreed upon with MDE.</p> <p>Additionally, PRD and QAD have developed a new minor and major field modification procedure. This process has been revised to eliminate the Highway Hydraulics Division (HHD) from the field modification approval process. This new process is provided in Section 1.9, and MDOT SHA welcomes MDE's input and comments on this procedure.</p>
Changes to Staff	Significant staffing changes during FY 2021 are reported in Section 1.6.
Local Agency Comments	Most PRD coordination with local agencies occurs informally through email or phone conversations. PRD did have a meeting with MDE and the Prince George's County Department of Permitting, Inspection, and Enforcement during the reporting period. This meeting is detailed in Section 1.7.
Public Outreach Meetings	Per previous MDE request, reporting of public outreach meetings is no longer provided. The information will still be available upon MDE request.
Citizen Complaints and Inquiries	MDOT SHA continues to provide specific and focused information of citizen complaints and inquiries in relation to the projects being reviewed by PRD with respect to sediment and stormwater topics in the annual reports. The current Annual Report contains summaries of 34 projects in Section 1.8 and updates on projects reported in the FY 2020 report related to citizen complaints. This is discussed in Section 1.8.
Plan Review Program Activity Findings	Plan review program activity findings will continue to be reported in Section 1.9.

1.2 Introduction

The Maryland Department of Transportation State Highway Administration (MDOT SHA) and the Maryland Department of the Environment (MDE) signed a Memorandum of Understanding (MOU), dated July 8, 2014, designating MDOT SHA as an approving authority for erosion and sediment control and stormwater management plans for MDOT SHA projects in accordance with the applicable sections of the Code of Maryland (COMAR). This authority was given by a letter of authorization from MDE on February 24, 2015. This report serves to satisfy the MOU condition to report on relevant activities on an annual basis after the first year of delegated authority. This delegation has been previously extended and will currently expire in February 2022. A separate letter will be sent to MDE requesting extension of the delegation authority.

This report covers FY 2021 and includes the period from July 1, 2020, through June 30, 2021. This annual report includes:

- Project status reports detailing the progress of design, review, approval, and construction activity achieved to date
- Findings related to plan review program activities
- Explanations and justifications for any design elements not meeting Environmental Site Design (ESD) to the Maximum Extent Practicable (MEP) according to the Design Manual or the 2011 Standards
- Changes or modifications to the Guidelines and Administrative Procedures
- Significant staffing changes
- Summaries of site inspections conducted
- Comments received and written responses provided to local agencies
- Findings related to quality assurance and quality control activities
- Investigations of citizen complaints and inquiries

1.3 PROJECT STATUS

The Plan Review Division maintains a database to track submittals and approval progress on all projects. The table provided below provides a summary of the PRD review and approval activity that occurred in FY 2021. Overall, the review and approval activity remained consistent from FY 2020 to FY 2021.

Project status reports included in Section 2.1 show the progress of design, review, approval, and construction activity achieved during the reporting period. The reports are separated by project type (DBB, DB, MDE). Summaries of Plan Review Division review and approval activity and SWM best management practice (BMP) as-built approvals are included below:

FY 2021 Review and Approval Activity

	Design-Bid-Build Projects (DBB)		Design-Build Projects (DB)		MDE Projects (MDE)		Total
FY 2021 Active Projects	228	89%	9	4%	18	7%	255
Submissions Received	529	79%	69	10%	73	11%	671
Comment Letters Issued	193	83%	22	9%	17	7%	232
Concept Approvals	74	99%	1	1%	0	0%	75
Site Development Approvals	47	98%	1	2%	0	0%	48
Final Approvals	52	95%	3	5%	0	0%	55
Modification Approvals	104	87%	12	10%	4	3%	120
Final Approval Extensions	19	79%	0	0%	5	21%	24
As-built Structural Acceptance	40	34%	30	26%	47	40%	117

Representative Projects

As requested by MDE, no representative project submissions or correspondence have been provided with the FY 2021 report. Information and documents pertaining to specific projects can be provided for review if requested by MDE.

1.4 QA/QC Activities and Summaries of Site Inspections

The MDOT SHA ensures quality assurance and quality control (QA/QC) of approved erosion and sediment control plans through inspections of MDOT SHA construction projects for compliance with the approved Erosion and Sediment Control Plans, utilizing a checklist and rating system. The MDOT SHA’s quality assurance inspections are performed by Regional Environmental Coordinators (REC). The MDOT SHA utilizes a real-time inspection and reporting system called the QA Toolkit. QAD has reduced to 14 total representatives in FY 2021 due to workload reduction and continues to successfully utilize the Progressive Schedule Protocol (PSP) in effort to ensure maximum resource coverage with a priority review to critical/sensitive environmental projects.

During this FY 2021 period, MDOT SHA performed 4632 inspections (3019 QA-1 and 1613 QA-2 reports) on 336 projects. Twenty-eight (28) non-compliances were issued to twenty-five (25) unique projects. All but three (3) of these non-compliance events were subsequently corrected. The three (3) unresolved projects were in a no-grade non-compliant status at the end of FY 2021. Two (2) projects were terminated by MDOT SHA for non-conformance where MDOT SHA is now responsible for compliance and one project is pending a final staging area removal and restoration upon approval. Resolutions to all outstanding issues are underway and are expected to upgrade to compliance status. Grades were not issued on 7 of the 28 non-compliances due to mitigating circumstances. Of the 25 unique projects, non-compliance was issued twice for two (2) projects and three times for one (1) project. Shutdowns cause significant financial impacts to

the contractor as all deployed material, equipment, and construction laborers become inactive until the deficiencies are addressed. This is one of the largest sanctions available to QAD and promotes contractor attention that greatly reduces chances of repeat non-compliance.

Revocation of a contractor's Erosion Sediment Control Manager (ESCM, or Yellow Card) and Contractor Superintendent certifications is a separate sanction that can impact the contractor, because these certifications are required for those personnel to be employed on an MDOT SHA project. Revocation is activated for a period of six months upon two ratings of "F". Certification revocations are listed in each project inspection report. There were 3 Yellow Card revocations during this reporting period. Details of the non-compliance findings and the actions taken can be found in the provided summary of Quality Assurance Inspections by MDOT SHA district. The QA Program also received and addressed 7 related erosion and sediment control or stormwater management environmental complaints and inquires in FY 2021 from MDE, local jurisdictions, or citizens.

1.5 DESIGN ELEMENTS NOT MEETING ESD TO THE MEP

The Maryland Legislature enacted the Stormwater Management Act of 2007 which established stringent requirements to implement Environmental Site Design (ESD) to the Maximum Extent Practicable (MEP). MDOT SHA's Plan Review Division reviews each project submission in relation to the requirements, Guidelines, and Procedures. Stormwater Management reports are required for each project. Most projects include plans. At concept stage, SWM requirements are reviewed for management required and conceptual management provided as well as the appropriateness of any waivers and variances requested. Site development and final stage submissions are reviewed for engineering design, consistency, and completeness. Waivers and variances are granted only at final approval once all applicable documentation and local agency approvals are provided.

MDOT SHA-PRD has utilized the language in COMAR Section 26.17.02.06.A(2) as a basis to determine whether a project meets ESD to the MEP:

"The MEP standard is met when channel stability and 100 percent of the average annual predevelopment groundwater recharge are maintained, nonpoint source pollution is minimized, and structural stormwater management practices are used only if determined to be absolutely necessary."

This statement is further explained in the MDOT SHA Guidelines Section 4.1 and 4.2 as minimum control requirements for new development and redevelopment.

Most waivers and variances granted by PRD are for maintenance or redevelopment projects (funds 30, 33, 74, 76, 77, 80, 88). Many of these projects are in developed corridors with limited

opportunities for ESD facilities. They often include small amounts of additional impervious scattered throughout the project (funds 76, 77, 80) or narrow strips of additional impervious along the corridor (funds 33). These project types use the Water Quality Bank to meet WQv requirements when ESD facilities are not practicable.

PRD granted variances for 3 projects within FY 2021. All variances were for redevelopment projects. The tables below show waivers and variances accepted in FY 2021 by fund type and breakdown of waivers by type.

FY 2021 Granted Waivers and Variances by MDOT SHA Fund Type

Fund	Description	No. of Waivers	No. of Projects with Waivers	No. of Variances	No. of Projects with Variances
14	Maintenance	34	4	0	0
77	Resurfacing	39	4	4	1
80	Bridge	2	2	0	0
87	Intersection Capacity Improvement	8	2	3	2
Totals		83	12	7	3

FY 2021 Granted Waivers by MDOT SHA Fund Type and Waiver Type

Fund	Description	33A	33B1a	33B1b	33B2a	33B2b	33B1ci	33B1cii	33B2ci	33B2cii	33B3
14	Maintenance	34	0	0	0	0	0	0	0	0	0
77	Resurfacing	39	0	0	0	0	0	0	0	0	0
80	Bridge	2	0	0	0	0	0	0	0	0	0
87	Intersection Cap.	1	0	0	0	0	0	0	0	0	7
Totals		76	0	0	0	0	0	0	0	0	7

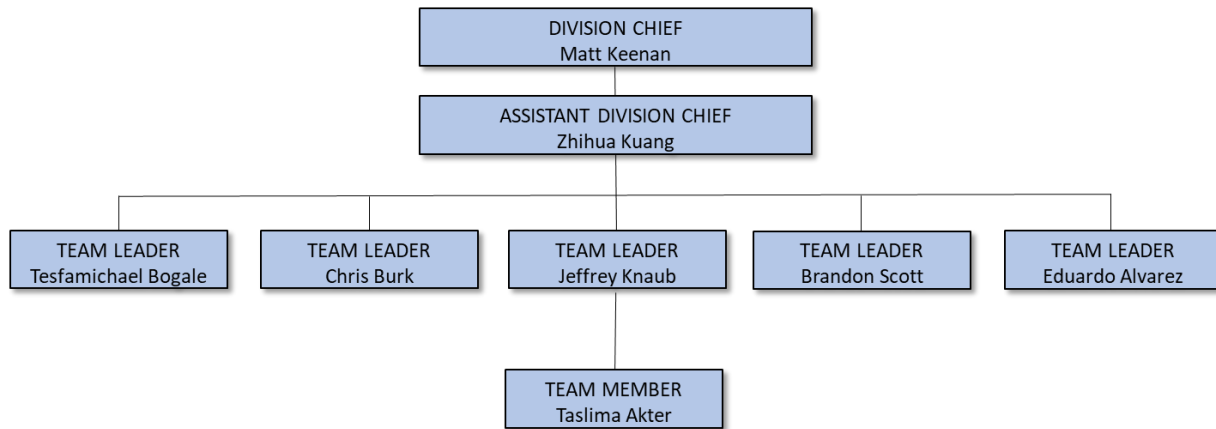
The MDOT SHA Office of Highway Development (OHD) process is designed to ensure ESD to the MEP. It begins with a project concept design presentation to the OHD Director (Director’s Review). Any concerns or issues noted during the Director’s Review are addressed before the initial concept submission is made to PRD. This process provides leadership-level commitment to project needs and a focus on ESD to the MEP at a very early stage in the design process.

1.6 SIGNIFICANT STAFFING CHANGES

The Plan Review Division did have significant staffing changes during this reporting period.

Eduardo Alvarez-Adames, P.E., P.L.S., joined the Plan Review Division on March 10, 2021, as a Team Leader. He holds a Bachelor of Science in Civil Engineering from the University of Puerto Rico and a Bachelor of Science in Land Surveying and Topography from the University of Puerto Rico. Prior to joining PRD, Eduardo worked for 10 years at MDOT SHA Highway Hydraulics and Plats and Survey Divisions. He also worked for 5 years for MDOT MVA as a Facilities engineer. Eduardo supported a variety of projects ranging from, SWM & ESC design, Plat and Deed production for property acquisition, and building renovation projects.

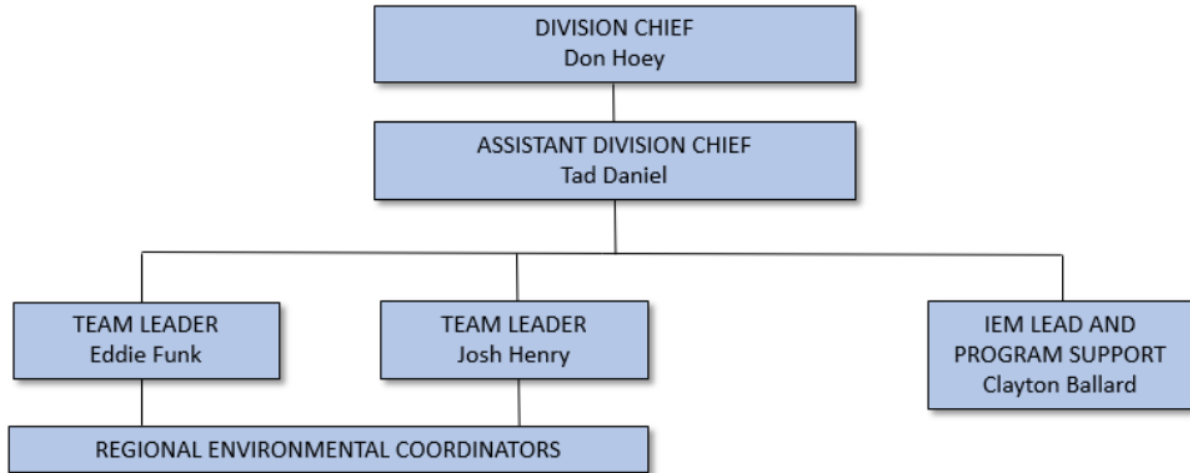
The updated organizational chart for the Plan Review Division is included below.



The Quality Assurance Division had significant staffing changes during this reporting period. The number of Regional Environmental Coordinators reduced from 13 to 9.

In addition to the 9 RECs, QAD oversees the Independent Environmental Monitors (IEM) where required on construction projects, which currently numbers 4. The new IEM oversight by QAD is an effort to enhance the E&SC and SWM compliance checks of projects. This updated structure of QAD will be reflected in the revised Guidelines and Procedures documents that are currently being updated and are under review by MDE.

The organizational chart for the Quality Assurance Division is included below.



1.7 LOCAL AGENCY COMMENTS AND RESPONSES

During the reporting period, the PRD Division Chief (Matt Keenan), MDE State and Federal Plan Review Division Chief (Amanda Malcom), and MDE Sediment, Stormwater, and Dam Safety Program Deputy Program Manager (Ray Bahr) met with Prince George’s County Department of Permitting, Inspections, and Enforcement (DPIE) representatives (Rey DeGuzman and Mariwan Abdullah) on May 17, 2021. During this meeting, Prince George’s County clarified their 100-year stormwater management requirements, which were already being implemented by PRD. Prince George’s County also notified MDE and PRD that they will be issuing a memo to those agencies that will request that stormwater management concept plans for all projects are submitted to Prince George’s County DPIE for review and comment. As of the conclusion of the FY 2021 reporting period, this memo had not been received. However, PRD will comply with Prince George’s County’s request once received.

No other local agencies reached out to PRD during the reporting period. During this reporting period, there were no inter-agency meetings.

1.8 INVESTIGATIONS OF CITIZEN COMPLAINTS AND INQUIRIES

MDOT SHA strives to provide outstanding customer service. The Highway Hydraulics Division utilizes a tracking tool to assist in providing this. Additionally, MDOT SHA uses an on-line customer care reporting and communication system. Both systems receive a wide variety of concerns associated with highway operations. MDOT SHA will continue to provide specific and focused information of citizen complaints and inquiries related to sediment and stormwater topics for projects being reviewed by PRD.

Information and updates are included below for the projects previously reported, along with new projects received by PRD during FY 2021. More detailed information for individual projects and investigations can be provided at MDE's request.

PRD/MDE #	Contract Number	Customer Complaint Description	County	Dist.	Status/Remarks
10-SF-0402	FR5715170	Flooding concerns and impacts to the railroad property reported by Walkersville Southern Railroad	Frederick	7	Under construction. Project passed ADA inspection and Landscape report has been received.
15-PR-0097	AW8695170	Flooding complaint by a resident at 13920 Dulin Road Queen Anne, MD 21657	Queen Anne	2	Final Approval issued on 08/20/2021. Project construction completed in September 2021.
15-PR-0100	BA7125174	Reports by the townhome community regarding a degrading outfall and a major head cut	Baltimore	4	Construction completed.
16-PR-0039	WA2805174	Drainage concerns reported by residents	Washington	6	Replaced the pipe and inlets in town and cleaned the pipe under the railroad. Flooding problem is resolved.
16-PR-0075 - 01	AW4655274	Drainage issue reported by downstream property owner	Caroline	2	Under Design
16-PR-0075 - 02	AW4655274	Drainage issue reported by downstream property owner	Talbot	2	Project construction is completed and is awaiting acceptance for maintenance.
19-PR-0046 - 01	424D51421	Concern reported by a property owner over siltation in the roadside channel that diverted flow onto a farmland	Charles	5	Project received final approval but is on hold for construction due to budget constraints

19-PR-0046 - 04	23440-08551	Complaint reported by a delegate regarding silt-filled ditch and a deteriorated driveway culvert	Anne Arundel	5	Under construction
19-PR-0075	TBD	Flooding concern reported by a property owner at 27185 Point Lookout Rd	Saint Mary's	5	Under Design. Project on hold due to budget constraints.
17-PR-0128 - 02	XX1675574	Complaint by a property owner due to a ravine forming at the outfall of a MDOT SHA pipe adjacent to their property	Calvert	2	Project on hold due to budget constraints.
17-PR-0128 - 03	XX1675574	Complaint by a property owner due to unstable and erosive outfall.	Anne Arundel	5	The cost estimate for Right of Way settlement with the property owner is finalized. District 5 to finish landscaping work per Chesapeake Bay Critical Area Commission requirement.
17-PR-0128 - 09	XX1675574	Slope failure was reported by Calvert County that endangered the parking lot of a fire and rescue station	Calvert	2	Under Design
19-PR-0067 - 02	23878-08667	Complaint by a citizen about sediment on MD 742 at Blain Frantz Road	Garrett	6	Under construction
20-PR-0019 - 01	TBD	Complaint by a citizen regarding erosion at the outfalls of existing culverts	Garrett	6	Under Design
20-PR-0020-11	23878-08112	Customer complaint regarding water backing up onto property due to clogged ditch/pipes	Somerset	1	Final Approval issued on 7/9/20.

20-PR-0020-15	23878-08113	Customer complaint regarding flooding on farm field	Wicomico	1	Final Approval issued on 7/10/20.
19-PR-0067 - 03	23878-08667	District reported a slope failure along I-97 requiring investigation.	Anne Arundel	5	Received final approval on 12/03/2020.
21-PR-0003-03	PCA 23878-08554	Customers complain about ditches and pipes frequently filled with debris blocking the natural flow path and causing flooding	Saint Mary's	5	Final approval issued on 07/08/2021.
20-PR-0037	PCA 23878-08555	MD 4 at 7780 Southern Blvd Emergency, access to property was compromised due to a pipe and slope failure sparking the need for emergency work	Calvert	5	Final approval issued on 01/12/2021.
21-PR-0013	CH3865175	Property owner complaint about flooding on property because of a failed CMP pipe under US 301	Charles	5	Emergency Concept approved on 05/21/2021.
20-PR-0045	SM2375175	Property owner complaint about flooding because of a blocked and failed pipe outfall and slope failure at MD 5 and MD 236	Saint Mary's	5	Emergency Concept approved on 12/20/2020.

1.9 PLAN REVIEW PROGRAM ACTIVITY FINDINGS

The number of submissions to PRD decreased slightly from FY 2020 to FY 2021. PRD has not added additional consultant reviewers to the current pool of MDE/PRD approved reviewers in FY 2021.

MDOT SHA initiated several programmatic initiatives during the past fiscal year that affect PRD, including:

- Due to the global Covid-19 pandemic, all MDOT SHA staff continued to remotely telework where possible in FY 2021. MDOT SHA staff returned to the office and initiated a hybrid in-office and telework environment in early FY 2022.
- In response to the transition to remote telework policies at MDOT SHA, PRD continued with an electronic only plan submission and review process in FY 2021. PRD utilizes Microsoft Teams to facilitate communication between PRD staff during the review process. PRD's existing reliance on electronic collaboration tools such as BlueBeam and ProjectWise eased the transfer to remote, electronic-only plan review and approval.
- In response to the Covid-19 pandemic, QAD extended MDOT SHA yellow cards to 30 days past the lifting of the Governor's State of Emergency declaration. QAD also stopped collecting physical signatures on Quality Assurance reports, and all meetings are encouraged to be held via telephone and Microsoft Teams.
- The uncertain financial situation that resulted from the Covid-19 pandemic has significantly reduced plan submissions to PRD in the later months of FY 2021. This trend is captured by the decrease in overall PRD activity in FY 2021.
- New 2021 Standard Specifications for Construction and Materials, available as an online document.
- MDOT SHA PRD recycled all paper copies of plans, reports, and review files. Electronic submissions and filing left the paper files redundant and unnecessary. Additionally, the paper files were outdated since PRD stopped paper submissions during the Covid-19 pandemic. MDOT SHA notified MDE regarding this activity and MDE did not have objection to that.
- MDOT SHA developed revised draft guidance and procedures for field modifications. This document is included below for MDE's review and comment.

MINOR AND MAJOR FIELD MODIFICATIONS

GUIDANCE AND PROCEDURES FOR MDOT SHA PROJECTS

Version 1.0 October 2021

INTRODUCTION

On July 8, 2014, the Maryland Department of Transportation State Highway Administration (MDOT SHA) and the Maryland Department of the Environment (MDE) signed a Memorandum of Understanding (MOU) by which MDE delegated approving authority for stormwater management (SWM) and erosion

and sediment control (ESC) for MDOT SHA projects to MDOT SHA. This delegated SWM and ESC review, approval, inspection, and compliance process is managed by the MDOT SHA Plan Review Division (MDOT SHA PRD) for plan review and approval, and Quality Assurance Division (QAD) for inspection and compliance. This document focuses on inspection and compliance of ESC and is intended to fulfill the requirement of COMAR 26.17.01.09 Inspection and Enforcement, which requires MDOT SHA PRD and QAD to develop an MDE-approved list of minor and major modifications to facilitate field changes for projects under construction. This document was approved by MDE on (insert date once official). This document will be periodically updated to incorporate additional minor and major definitions as needed. Please refer to the MDOT SHA PRD website for the latest published version.

<https://www.roads.maryland.gov/mdotsha/pages/Index.aspx?PageId=324>

PROCEDURE

The purpose of this guideline is to recognize that not all field modifications to approved ESC plans necessarily require review and approval by the plan review authority, MDOT SHA PRD. Minor modifications are defined as those that may be reviewed and approved “in the field” by QAD. Major modifications are defined as more significant changes to the ESC plans that shall be reviewed and approved by MDOT SHA PRD.

Erosion and Sediment Control field modification requests must be submitted to QAD and/or MDOT SHA PRD via the Office of Environmental Design Quality Assurance Toolkit (QA Toolkit), which can be found at the following website: <https://apps.roads.maryland.gov/oedtoolkits>. Additional information on the use of the QA Toolkit can be found in the document “Quality Assurance toolkit Construction Field Manual”, which can be found at this website:

<https://apps.roads.maryland.gov/epd.qatoolkit/ViewStdDocs.aspx?id=921>. Because ESC field modifications are at the request of the contractor, no additional costs should be incurred to MDOT SHA. When a field modification request is submitted by the contractor, the MDOT SHA Construction Project Engineer determines if the modification is appropriate, indicating concurrence with the request when appropriate. QAD determines if the modification satisfies the definition of a minor modification or if the proposed ESC modification is considered a major modification that must be reviewed and approved by MDOT SHA PRD. QAD reserves the right to defer any review of modifications to MDOT SHA PRD. MDOT SHA Design Project Managers (PM) are also notified when field modifications are approved, to ensure that the Design PM is provided with the latest approved plans when field modifications have been approved, which helps to better ensure conflicts are avoided in the event that MDOT SHA must issue changes to the contract plans (e.g., Redline revisions, Greenline revisions, etc.).

Any modification that alters an approved SWM facility and/or the land use of its contributing drainage area are not to be submitted through the OED Toolkit. Such changes must be documented as part of a design revision to the plans. Additionally, an updated SWM report must be submitted to MDOT SHA PRD for review and approval.

OTHER APPROVALS

Changes to the approved ESC plan may affect other environmental approvals that are coordinated with other MDOT SHA offices, such as the Environmental Programs Division (EPD) and the Environmental Planning Division (EPLD). Examples of these approvals can include Wetlands/Waterways, Critical Area and NPDES. Furthermore, ESC plan modifications may require concurrence from other MDOT SHA divisions, such as the Landscape Programs Division (LPD) and the Highway Hydraulics Division (HHD). Examples of necessary concurrences may include revisions to temporary grading and/or vegetation for SWM facilities. These reviews are tracked in the OED Toolkit.

FIELD MODIFICATIONS

Below is a list of frequent minor and major modifications. This list is intended as general guidance and is not exhaustive.

MINOR MODIFICATIONS/CONCURRENCES – MAY BE APPROVED BY MDOT SHA QAD

- a. Adjustment of controls while still meeting the intent of the approved plans/permits
 1. Adding standard controls within approved limit of disturbance (LOD) that meet design requirements
 2. Adjusting controls to better fit field conditions as long as no increase to approved LOD
 3. Upgrading a control
 4. Substituting controls similar in function (same methodology) within approved LOD that meet the intent of the approved plan
- b. Removal of controls once final stabilization requirements are met (Note: SWM conversion requires vegetative establishment acceptance by OED-Landscape Operations Programs Division)
- c. Removal or minor revision of controls that pose a safety issue or cause a hazardous condition (example - flooding concern)
- d. Approval to move to next ESC work phase
- e. Delaying installation of controls that will not function as intended per plan (example - inlet protections with no contributing drainage area)
- f. Delaying installation of controls until the contributing drainage area is to be disturbed
- g. Adjustments or creation of staging (heavy use areas) and stockpiling areas that do not overlap with MDE jurisdictional areas (wetlands, floodplains, etc.) within the project, are not within the footprint of SWM facilities, and are contained within the approved LOD
- h. Temporary adjustments to grading within approved LOD Limited adjustments to Sequence of Construction (SOC)
 1. Must not impact the intent of the originally approved ESC plan
 2. Examples of allowable adjustments may include:

- a. Complete work on individual items (a, b, c) that are independent of each other and do not depend on each other's completion to move to the next phase.
- b. Work in multiple ESC phases of a project when phases are independent with no impact on each other.
- c. Complete work on group of items in the sequence (1,2,3) that must occur simultaneously to complete the work as the items depend on each other for completion.

MAJOR MODIFICATIONS – MUST BE APPROVED BY MDOT SHA PRD

- a. Changes that require evaluations of contributing drainage areas relating to ESC practices
 - 1. Revisions to Sediment Traps and Basins, including changes in size, footprint, contributing drainage area, or changes to drawdown devices or orifices of a riser to improve the function per the ESC standard criteria
 - 2. Substituting ESC practices that are dissimilar in function (example – proposing Super Silt Fence (filtering) instead of Earth Dike with Temporary Stone Outlet Structure (water conveyance))
 - 3. Lengthening or steepening slopes steeper than 2:1 (H: V), or lengthening slopes resulting in benching requirements per the ESC manual, within approved LOD
- b. Interpretive changes to the approved Sequence of Construction (SOC)
 - 1. Perform work in multiple ESC phases of a project, when ESC phases are dependent, and it is not authorized/flexible in the approved SOC
 - 2. Altering the order of sequential items when not authorized/flexible in the approved SOC (example – step 2 before step 1)
- c. LOD adjustments - Increases in LOD must conform to permitted thresholds and drain to approved ESC practices.
 - 1. Increases in LOD beyond MDOT SHA right of way (ROW) or easements must include appropriate approval authorization/permission when outside of the prescribed right-of-way.
 - 2. Note: LOD adjustments for projects that have NOIs require NPDES permit modifications. Contact HHD to process any NOI changes.
- d. Changes to containment plans for hydro-demolition operations
- e. Changes to vegetation specifications and/or vegetation to meet SWM conversion approval (submit to OED-Landscape Programs Division)
- f. Erosion Control changes that result in concentrated stormwater runoff not in the approved plan
- g. Permanent adjustments to grading

- h. Requests to utilize chemical treatment (flocculants) for water quality improvement not included in the approved plan.

In addition to the above Administration-wide efforts, PRD also undertook specific initiatives, including:

- PRD is aware that MDE is in the process of issuing a new, updated General Permit for Stormwater Associated with Construction Activity (commonly referred to as the National Pollutant Discharge Elimination Systems NPDES Permit or NOI). In the interim period between the issuance of this new General Permit and expiration of the previous General Permit (14-GP) for Construction Activities must be submitted to MDE for all projects that have 1 acre of earth disturbance or greater. PRD will review the SWM and E&SC for projects in Tier II Watersheds in accordance with the requirements of the DOI process and the anticipated requirements of the new General Permit. The PRD is in communication with MDE regarding ongoing updates and will distribute information on new requirements to the Administration as it becomes available.
- PRD has been coordinating extensively with the MDE Sediment, Stormwater, and Dam Safety Program (SSDS) in order to allow PRD to become a delegated Code 378 Small Pond review and approval authority. This coordination has continued in FY 2021. A revised Memorandum of Understanding (MOU) has been provided to MDOT SHA PRD for review, and details are currently being worked out between MDE and MDOT SHA. PRD submitted revised Guidelines and Procedures to MDE SSDS for review and comment on July 14, 2020, this review is on-going. PRD coordinated with MDE on developing new small pond and dam review policies, including the pending Super wide Embankment review policy.
- PRD attended the dam safety workshop hosted by the MDE Dam Safety Division on March 16 and 18, 2021. The training was conducted virtually.
- PRD, in coordination with HHD, provided training to District 4 about more efficient submittal and follow up process of as-builts. The training was conducted on May 27, 2021, virtually.
- In order to implement MDE Dam Safety's Policy Memorandum #2 updated on October 9, 2019, PRD continued requiring designers to include detailed evaluations of culverts to determine if their impounded water requires classification as a pond or dam. PRD continuously monitors the MDE State and Federal Plan Review and MDE Dam Safety websites for new policies and will implement them as they are published. As mentioned above, PRD is also willing to assist MDE as needed to improve their small pond and dam review policies.
- In an effort to facilitate implementation of approved ESC and SWM plans with a minimum amount of modification during construction, PRD began requesting constructability review comments and responses during the Site Development stage of review starting from January 2, 2020. PRD continued requesting this in the current Fiscal Year. In addition to minimizing approval modifications, it is anticipated that this review process will facilitate improved implementation of approved ESC plans.

- PRD developed and implemented an update to the Microsoft Access based PRD database that will allow this database to be utilized by both PRD and the MDOT SHA Highway Hydraulics Division. This change will allow the elimination of redundant MDOT SHA databases and streamline the reconciliation process for the Water Quality Bank. The updated database also generates a map that displays the Water Quality Bank balances.

1.10 MODIFICATIONS TO THE GUIDELINES AND PROCEDURES

PRD is currently working with the MDE State and Federal Plan Review Division to revise the PRD Sediment and Stormwater Guidelines and Procedures. These documents are being updated in preparation for PRD to become a designated approval authority for Small Ponds on behalf of MDE. The latest revision to the Guidelines and Procedures was submitted to MDE State and Federal Plan Review on July 14, 2020, and is currently under review. PRD will not implement updated Sediment and Stormwater Guidelines and Procedure until they are agreed upon with MDE.

1.11 ELECTRONIC DATA

As referenced in the previous sections, electronic data is located on the data drive submitted with this report. The following electronic data is included:

- PRD project data table that includes records of all PRD projects
- Agency Meeting Materials
- Erosion and sediment control inspections, non-compliant inspections, and enforcement actions:
 - QA Non-compliance Findings (1.B.1 QANonComplFind.pdf)
 - Quality Assurance Inspections by District (1.B.2 QA_InspectionPerDistrict.pdf)
 - E&S Statistics are included in the MS-4 geodatabase

2.1 PROJECT STATUS REPORTS

Three Project Status Reports are included starting on the following page:

1. MDOT SHA Design-Bid-Build Projects
2. MDOT SHA Design-Build Projects (post award)
3. MDE SF Projects

MDOT SHA Design Bid Build Projects - Reporting Period July 1, 2020 through June 30, 2021													
PRD#	Phase	PRD TL	HHD Liaison	SHA PM	Lead Office	Stage	Sub	Received	Comment/ Approval	Concept Approved	Site Dev Approved	Final Approved	Mod Approved
16-PR-0134	1	Brandon Scott		Jason Pollock	OOS	FR1325180	MD 355		IHB - BRIDGE 1008600 OVER BENNETT CREEK				
						M4	4	10/26/2020	10/29/2020				10/29/2020
						MOD	2	10/19/2020	10/21/2020				10/21/2020
						MOD	1	10/09/2020	10/14/2020				
						M4	2	09/22/2020	10/05/2020				
						M4	1	08/05/2020	08/07/2020				
16-PR-0142	1	Jeff Knaub		Sutapa Samanta	D4	BA5385177	MD 45		IHB - 400 FT SOUTH OF PADONIA TO WIGHT AVENUE - 24" WATERLINE REPLACEMENT				
						M1	4	10/28/2020	11/13/2020				11/13/2020
						M1	3	09/21/2020	10/06/2020				
17-PR-0004	0	Brandon Scott		Nafiseh Bozorgi	OHD	FR3885171	MD 85		IHB - S OF DISTRICT 7 OFFICE ENTRANCE TO N OF SPECTRUM DRIVE (PHASE 1) AT I-270				
						MOD	7	09/24/2020	09/28/2020				09/28/2020
						MOD	6	09/04/2020	09/17/2020				09/17/2020
						MOD	5	07/21/2020	07/23/2020				07/23/2020
						MOD	4	07/15/2020	07/17/2020				07/17/2020
						MOD	3	07/15/2020	07/17/2020				07/17/2020
17-PR-0021	1	Doug Roys			OED	BA2015782	MD 145		LITTLE GUNPOWDER FALLS TRIBUTARY AT MD 145 & MD 165 - STREAM RESTORATION				
						IN-EX	1	06/22/2021	07/06/2021				
17-PR-0023	0	Brandon Scott		Chris Weber	OHD	AA4365771	MD 175		TC - IHB - NATIONAL BUSINESS PARKWAY TO MCCARRON COURT				
						MOD	1	06/21/2021	07/22/2021				
						M3	6	06/21/2021	07/02/2021				
						M3	4	11/20/2020	11/30/2020				
						M3	3	11/06/2020	11/17/2020				
						M3	2	10/01/2020	10/15/2020				
						M3	1	08/14/2020	08/31/2020				
17-PR-0032	0	Brandon Scott		Lindsay Bobian	OHD	PG6245171	US 1		IHB - COLLEGE AVENUE/REGENTS DRIVE TO MD 193 (UNIVERSITY BOULEVARD)				
						MOD	3	12/02/2020	12/04/2020				12/04/2020
						MOD	2	11/06/2020	11/06/2020				11/06/2020
						MOD	1	10/22/2020	10/29/2020				
17-PR-0035	1	Chris Burk		Karen Coffman	OED	PG8325182	VAR		AT VARIOUS LOCATIONS - GROUP 2				
						IN-EX	1	06/22/2021	07/01/2021				
17-PR-0036	0	Brandon Scott		Urooj Zafar	OHD	MOS365187	MD 355		IHB - AT WEST OLD BALTIMORE ROAD				
						MOD	2	10/30/2020	11/04/2020				11/04/2020
						MOD	1	10/13/2020	10/21/2020				10/21/2020
17-PR-0044	1	Sonja Hardman		Zahyrah Ramirez	D4	BA2625177	MD 140		TC-FROM STOCKSDALE AVENUE TO PLEASANT HILL 16" & 20" WATER TRANS MAIN & RESU				
						FIN	5	08/21/2020	08/24/2020			08/24/2020	
17-PR-0059	1	Tesfamichael Bogale		John Delaney	OHD	CA1485184	MD 261		MD 261 (Bay Avenue), 9TH STREET TO ANNE ARUNDEL COUNTY LINE				
						MOD	4	12/18/2020	12/18/2020				12/18/2020
						MOD	3	12/16/2020	12/17/2020				
						MOD	2	11/30/2020	11/30/2020				11/30/2020
						MOD	1	11/16/2020	11/24/2020				
17-PR-0062	1	Jeff Knaub		Ben Hokuf	OOS	CE2835180	MD 273		BRIDGE 0704400 OVER BIG ELK CREEK				
						M2	5	10/05/2020	10/14/2020				10/14/2020
						M2	4	07/27/2020	08/10/2020				

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PRD#	Phase	PRD TL	HHD Liaison	SHA PM	Lead Office	Stage	Sub	Received	Comment/ Approval	Concept Approved	Site Dev Approved	Final Approved	Mod Approved
17-PR-0075	51	Jeff Knaub						GA6465270	US 219	US 219 from I-68 to Old Salisbury Road			
						MOD	2	07/09/2020	08/05/2020				
17-PR-0083	1	Jeff Knaub		Dipa Patel	OOS			FR1335180	MD 28	IHB - BRIDGE 1002900 OVER MONOCACY RIVER			
						MOD	1	07/06/2020	07/09/2020				07/09/2020
17-PR-0087	0	Brandon Scott		Vladimir Jean-Pierre	OHD			PG1065184	MD 212	PINE STREET TO US 1 INTERSECTION			
						M7	2	08/18/2020	08/31/2020				08/31/2020
17-PR-0089	1	Chris Burk		Noah Chadwick	OED			BA2705182	I 83	AT VARIOUS LOCATIONS IN BALTIMORE COUNTY - GROUP 1			
						IN-EX	1	06/22/2021	07/06/2021				
17-PR-0090	1	Tesfamichael Bogale		Nicolas Saavedra	OHD			HO7565370	MD 32	MD 32 Berms Breakout Project			
						CON	2	10/09/2020	10/22/2020				
						CON	1	09/09/2020	09/24/2020				
17-PR-0101	1	Brandon Scott		Prasoon Shrestha	OOS			AL3455180	MD	TC - MD 831C OVER JENNINGS RUN 831C			
						MOD	2	09/22/2020	09/28/2020				09/28/2020
						MOD	1	09/15/2020	09/18/2020				
17-PR-0117	1	Sonja Hardman		Damon Kreiner	D7			HO1495187	MD 108	AT CENTENNIAL LANE / BEVERBROOK ROAD			
						FIN	4	12/23/2020	12/29/2020			12/29/2020	
						FIN	3	12/08/2020	12/17/2020				
						FIN	2	11/10/2020	11/11/2020				
						FIN	1	10/19/2020	10/30/2020				
						SITE	7	08/07/2020	08/17/2020		08/17/2020		
17-PR-0127	1	Tesfamichael Bogale			OOS			MO0945180	MD 191	SMALL STRUCTURE 15047X0 OVER BRANCH OF CABIN JOHN CREEK			
						SITE	4	07/09/2020	07/24/2020				
17-PR-0130	1	Jeff Knaub			OOS			AL2515180	MD 36	BRIDGE 0107800 OVER NORTH BRANCH			
						SITE	2	08/03/2020	08/25/2020				
17-PR-0135	1	Tesfamichael Bogale		Jason Pollock	OOS			KE2765180	MD 20	TC-STRUCTURE 14030X0 OVER DRAINAGE DITCH			
						M1	1	09/08/2020	09/09/2020				09/09/2020
						FIN	1	08/24/2020	09/04/2020			09/04/2020	
						SITE	5	08/04/2020	08/18/2020		08/18/2020		
						SITE	4	07/17/2020	07/21/2020				
17-PR-0147	1	Tesfamichael Bogale		Daniel Beck	OOS			MO4275180	MD 355	IHB - BRIDGE 15053 OVER LITTLE BENNETT CREEK			
						MOD	3	12/15/2020	12/29/2020				
						MOD	2	11/18/2020	12/03/2020				
17-PR-0174	1	Jeff Knaub		John Jenkins	D7			HO1305177	MD 32	AT DORSEY RUN ROAD INTERCHANGE			
						FIN	2	11/20/2020	11/23/2020			11/23/2020	
						M2	3	09/24/2020	10/02/2020				
						M2	2	08/10/2020	09/01/2020				
						M2	1	07/14/2020	07/28/2020				
17-PR-0181	1	Tesfamichael Bogale		Dana Morse	OOS			BA1455180	I 695	Bridge Replacement - Utility Breakout			
						FIN	1	12/01/2020	12/14/2020				
						SITE	3	08/27/2020	09/10/2020		09/10/2020		
17-PR-0185	1	Chris Burk		Noah Chadwick	OED			FR6835182	NA N/A	ISRAEL CREEK AT STAUFFERS ROAD			
						MOD	8	10/01/2020	10/05/2020				10/05/2020

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PRD#	Phase	PRD TL	HHD Liaison	SHA PM	Lead Office	Stage	Sub	Received	Comment/ Approval	Concept Approved	Site Dev Approved	Final Approved	Mod Approved
17-PR-0186	1	Sonja Hardman		Keith Kucharek	D5	MOD	7	08/21/2020	09/01/2020				09/01/2020
						MOD	6	07/29/2020	08/11/2020				
						AA1565130	MD 915A	AT MD 177					
17-PR-0189	1	Sonja Hardman		Jordan Vogt	D4	M2	2	10/07/2020	10/09/2020				10/09/2020
						M2	1	09/24/2020	09/25/2020				
						HA4255177	MD 924	PLUMTREE ROAD TO RING FACTORY ROAD TO MD 924 (MAIN STREET)					
18-PR-0006	1	Brandon Scott		Michelle Berkel	D3	M1	2	11/02/2020	11/02/2020				11/02/2020
						M1	1	09/24/2020	09/28/2020				
						PG2805176	MD 223	1000 FT SOUTH OF VICTORIA DRIVE TO 265 FT NORTH OF SHERWOOD DRIVE					
18-PR-0014	1	Sonja Hardman		Ben Storm	OHD	M2	2	11/17/2020	11/18/2020				11/18/2020
						M2	1	11/09/2020	11/10/2020				
						FR6755181	US 15	TC-AT MT ZION ROAD/ELMER DERR ROAD					
18-PR-0019	1	Sonja Hardman		Sarah Campos	OHD	FIN	4	12/29/2020	12/29/2020			12/29/2020	
						M2	1	07/24/2020	07/29/2020				07/29/2020
						XX5355733	MD 27	AT VARIOUS LOCATIONS IN DISTRICT 7					
18-PR-0024	1	Tefamichael Bogale		Michelle Berkel	D3	M2	1	11/17/2020	12/02/2020				
						M1	3	10/28/2020	11/02/2020				11/02/2020
						M1	2	09/23/2020	10/08/2020				
						M1	1	08/25/2020	09/08/2020				
						PG9345187	MD 223	AT DOWER HOUSE ROAD					
18-PR-0028	1	Sonja Hardman		Barry Ritchie	D6	M2	1	07/07/2020	07/09/2020				07/09/2020
						SITE	1	07/14/2020	07/29/2020				
						WA0895176	US 40	WALNUT STREET TO EASTERN BOULEVARD					
18-PR-0043	1	Tefamichael Bogale		John Narer	OOS	FIN	10	08/05/2020	08/14/2020				
						SITE	1	07/14/2020	07/29/2020				
						WA4515180	I 70	BRIDGE 2113503 AND 2113504 OVER CRYSTAL FALLS DRIVE					
18-PR-0054	1	Brandon Scott		John Jenkins	D7	FIN	9	07/14/2020	07/23/2020				
						FIN	10	08/05/2020	08/14/2020				
						HO2275187	MD 103	US 29 TO LONG GATE SHOPPING CENTER ENTRANCE					
18-PR-0059	1	Tefamichael Bogale		Marguerite Smith-Clark	OHD	SITE	5	11/25/2020	12/04/2020		12/04/2020		
						FIN	9	07/14/2020	07/23/2020				
						PG8675188	US 1	41ST STREET TO FARRAGUT STREET(RHODE ISLAND TROLLEY TRAIL)					
18-PR-0065	1	Tefamichael Bogale		Dana Morse	OOS	MOD	2	10/14/2020	10/14/2020				10/14/2020
						MOD	1	10/01/2020	10/13/2020				
						AL2635180	MD 51	TC - BRIDGE 0104800 OVER C & O CANAL					
18-PR-0069	1	Chris Burk		Cathy Spady	D1	FIN	3	12/16/2020	12/23/2020				
						FIN	2	08/03/2020	08/17/2020				
						FIN	1	07/02/2020	07/16/2020				
						FIN	1	07/02/2020	07/16/2020				
						WO1555187	US 113	US 113 TO FLOWER STREET					
18-PR-0074	1	Tefamichael Bogale		James Umekwe	OOTS	M1	2	06/28/2021	07/12/2021				
						FIN	3	12/16/2020	12/23/2020				
						HA4485123	US 1	TC - CONOWINGO TRUCK WEIGH AND INSPECTION STATION FACILITY					
19-PR-0007	1	Tefamichael Bogale		Jared Kline	D6	SITE	3	07/01/2021	07/16/2021				
						FIN	2	08/03/2020	08/17/2020				
						WA2225187	I 81	TO MAUGANS ROAD					

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PRD#	Phase	PRD TL	HHD Liaison	SHA PM	Lead Office	Stage	Sub	Received	Comment/ Approval	Concept Approved	Site Dev Approved	Final Approved	Mod Approved
19-PR-0011	1	Tesfamichael Bogale				AL2345176	MD 135		TC-GARRETT COUNTY LINE TO US 220 - VARIOUS LOCATIONS				06/30/2021
19-PR-0015	1	Tesfamichael Bogale		Justin Mohr	OOS	HO1515180	MD 94		BRIDGE 1309400 OVER I-70				
						SITE	6	11/17/2020	11/30/2020		11/30/2020		
						SITE	5	10/13/2020	10/28/2020				
						SITE	4	08/31/2020	09/16/2020				
19-PR-0020	1	Tesfamichael Bogale		Ben Hokuf	OOS	BA8605280	MD 151		TC - BRIDGE NO. 0309900 ON MD 151. BRIDGE NOS. 0335000 AND 0335100 ON MD 151B.				
						MOD	1	12/16/2020	12/21/2020				
						M1	3	10/19/2020	10/20/2020				10/20/2020
						M1	2	09/03/2020	09/03/2020				
						M1	1	08/20/2020	08/27/2020				
19-PR-0032	1	Jeff Knaub		Urooj Zafar	D3	XX2295376R	MD 190		At Braeburn Parkway				
						M1	2	09/16/2020	09/17/2020				09/17/2020
						M1	1	09/02/2020	09/15/2020				
						FIN	2	06/30/2020	07/09/2020			07/09/2020	
19-PR-0050	1	Sonja Hardman		Robert Stewart	OOTS	PG8645185	MD 210		PHASE 1: FROM MD228 (BERRY ROAD) TO OLD FORT ROAD (SOUTH).				
						M2	1	12/11/2020	12/14/2020				12/14/2020
						M1	1	11/16/2020	11/17/2020				11/17/2020
19-PR-0055	1	Sonja Hardman		Megan Hall	OOTS	PG8645285	MD 210		TC - PHASE II: FROM SWAN CREEK ROAD/LIVINGSTON RD TO PALMER RD/LIVINGSTON RD				
						M2	1	11/20/2020	11/20/2020				11/20/2020
19-PR-0058	1	Sonja Hardman		Huston Hergesheimer	OOTS	AA0635185	I 195		AT MD 295 AND MD 170				
						M1	1	07/28/2020	07/28/2020				07/28/2020
19-PR-0065	1	Jeff Knaub		Damon Kreiner	D7	HO2155176	US 1		AT FOUR LOCATIONS BETWEEN PG COUNTY LINE AND DOCTOR PATEL DRIVE.				
						CON	3	09/11/2020	09/25/2020	09/25/2020			
19-PR-0065	2	Jeff Knaub		Damon Kreiner	D7	HO2155176	US 1		AT FOUR LOCATIONS BETWEEN PG COUNTY LINE AND DOCTOR PATEL DRIVE.				
						CON	4	09/25/2020	10/09/2020	10/09/2020			
						CON	3	07/06/2020	07/20/2020				
19-PR-0067	2	Chris Burk		Jeremy Ash	D6	23878-08667	MD 742		Sediment Removal on MD 742 at BlaineFrantz Road				
						FIN	1	07/24/2020	07/30/2020			07/30/2020	
						SITE	2	07/02/2020	07/15/2020		07/15/2020		
19-PR-0067	3	Chris Burk		Gina Goettler	D5	23459-08551	I 97		Scour and erosion repair on I-97 SB Adjacent to MD-3 SB exit				
						FIN	1	11/23/2020	12/03/2020			12/03/2020	
						SITE	1	09/09/2020	09/14/2020				
19-PR-0069	1	Chris Burk		Sutapa Samanta	D4	BA3385230	MD 30		AT MOUNT GILEAD ROAD				
						SITE	3	12/28/2020	12/30/2020		12/30/2020		
						SITE	2	11/17/2020	12/01/2020				
						SITE	1	07/27/2020	08/10/2020				
19-PR-0073	1	Tesfamichael Bogale		Jason Pollock	OOS	FR6875180	US 15		BRIDGE 1010900 OVER MD 77 AND HUNTING CREEK				
						FIN	1	06/30/2021	07/07/2021			07/07/2021	
19-PR-0074	1	Jeff Knaub		John Narer	OOS	QA3305180	MD 305		BRIDGE 17073X0 OVER TRIBUTARY TO THREE BRIDGES BRANCH				
						SITE	1	06/21/2021	07/02/2021				

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PRD#	Phase	PRD TL	HHD Liaison	SHA PM	Lead Office	Stage	Sub	Received	Comment/ Approval	Concept Approved	Site Dev Approved	Final Approved	Mod Approved
20-PR-0002	1	Tesfamichael Bogale			OHD	WA0925172	I 81		MD 63 / MD 68 TO HALFWAY BOULEVARD				
						CON	2	07/17/2020	08/06/2020				
20-PR-0010	1	Chris Burk		Thomas Revelle	D2	XY8055177	MD 404		MD404 at MD 328 / River Rd Intersection Improvements				
						SITE	1	06/29/2021	07/13/2021				
						CON	3	12/09/2020	12/18/2020	12/18/2020			
						CON	2	11/13/2020	11/20/2020				
20-PR-0012	1	Sonja Hardman		Mekdes Tabor		XX3675433	MD 26		ADA SIDEWALK UPGRADES IN BALTIMORE AND HARFORD COUNTIES				
						M1	1	11/18/2020	11/18/2020				11/18/2020
20-PR-0012	2	Sonja Hardman		Mekdes Tabor	OHD	XX3675433	MD 26		ADA SIDEWALK UPGRADES IN BALTIMORE AND HARFORD COUNTIES				
						M1	1	11/16/2020	11/17/2020				11/17/2020
20-PR-0012	3	Sonja Hardman		Mekdes Tabor	OHD	XX3675433	MD 26		ADA SIDEWALK UPGRADES IN BALTIMORE AND HARFORD COUNTIES				
						M1	1	11/19/2020	11/20/2020				11/20/2020
						FIN	3	10/16/2020	10/22/2020				
20-PR-0013	1	Chris Burk		Cathy Spady	D1	W01555287	US 113		FROM US 113 TO EAST OF FLOWER STREET (PHASE 1)				
						M2	1	09/25/2020	09/28/2020				09/28/2020
20-PR-0015	1	Jeff Knaub			OHD	AW4655274	MD 404		MD 404 at Dulin Road				
						SITE	2	12/14/2020	12/23/2020				
						SITE	1	09/28/2020	10/14/2020				
20-PR-0017	1	Brandon Scott		Nicolas Saavedra	OHD	AA8515176	MD 177		Catherine Avenue to Edwin Raynor Blvd				
						CON	3	12/18/2020	12/31/2020	12/31/2020			
						CON	2	11/13/2020	11/24/2020				
						CON	1	08/31/2020	09/15/2020				
20-PR-0020	2	Jeff Knaub		Heather English	OED	23878-08112	MD 529		MD 529 Ditch Repair MP 0.69 - 1.12				
						M1	1	08/19/2020	08/31/2020				08/31/2020
20-PR-0020	3	Jeff Knaub		Heather English	OED	23878-08112	MD 388		MD 388 Ditch Repair MP 0.11 - 2.00				
						FIN	2	07/22/2020	07/29/2020			07/29/2020	
20-PR-0022	1	Jeff Knaub				PCA 23878	MD 481		MD 481 Ditch Cleaning MP 0.0 - 5.13				
						SITE	1	08/19/2020	08/18/2020		08/18/2020		
						FIN	1	08/19/2020	08/19/2020			08/19/2020	
						CON	1	07/31/2020	08/17/2020	08/17/2020			
20-PR-0022	2	Jeff Knaub				PCA 23878	MD 309		MD 309 MP 0.35-9.11				
						FIN	1	08/19/2020	08/21/2020			08/21/2020	
						SITE	1	08/19/2020	08/20/2020		08/20/2020		
						CON	1	07/31/2020	08/19/2020	08/19/2020			
20-PR-0022	4	Jeff Knaub				PCA 23878	VAR		For maintenance activities in District 2				
							Varies						
						FIN	1	08/19/2020	08/19/2020			08/19/2020	
						SITE	1	08/19/2020	08/18/2020		08/18/2020		
						CON	1	08/05/2020	08/17/2020	08/17/2020			
20-PR-0022	5	Jeff Knaub				PCA 23878	MD 313		MD 313 Ditching Between Garey Road and Kibler Road MP 20.74 - 21.21				
						SITE	1	09/17/2020	09/17/2020		09/17/2020		
						FIN	1	09/17/2020	10/07/2020			10/07/2020	
						CON	2	09/17/2020	09/17/2020	09/17/2020			

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20-PR-0022	6	Chris Burk			OED	CON	1	08/05/2020	08/17/2020								
						23878-08222 MD 552 MD 552 Ditch Cleaning and Culvert Replacements MP 0.00 to MP 0.15											
						FIN	2	11/20/2020	12/03/2020			12/03/2020					
20-PR-0023	1	Jeff Knaub		Heather English	OED	CON	1	11/06/2020	11/06/2020								
						23878-08770 VAR For maintenance activities in District 7											
						Varies											
						FIN	2	09/18/2020	10/09/2020			10/09/2020					
						SITE	1	08/05/2020	08/24/2020		08/24/2020						
20-PR-0026	1	Brandon Scott		Justin Mohr	OOS	CON	1	08/05/2020	08/24/2020	08/24/2020							
						BAA395180 I 70 BRIDGE 0323900 OVER INGLESIDE AVENUE											
						CON	2	07/08/2020	07/21/2020	07/21/2020							
						FIN	1	11/19/2020	12/02/2020								
						SITE	2	11/10/2020	11/17/2020		11/17/2020						
20-PR-0031	1	Chris Burk		Christopher Raabe	OOTS	CON	1	10/13/2020	10/23/2020								
						HO1005170 MD 175 HOWARD COUNTY - SMART SIGNAL SYSTEM ON MD 175											
						SITE	1	09/18/2020	09/28/2020	09/28/2020							
						CON	2	09/18/2020	09/28/2020	09/28/2020							
						CON	1	07/27/2020	08/07/2020								
20-PR-0032	0	Brandon Scott			OOTS	CON	1	07/30/2020	08/10/2020	08/10/2020							
						WA0795170 US 40 SMART SIGNAL SYSTEM ON US 40											
20-PR-0033	1	Jeff Knaub			OOS	CON	1	08/07/2020	08/11/2020	08/11/2020							
						J72A21 04B01f MD 263 N/A Emergency Project											
20-PR-0034	1	Jeff Knaub			OOS	CON	1	08/07/2020	08/11/2020	08/11/2020							
						J72A21 16B06f MD 381 N/A Emergency Repair											
20-PR-0035	1	Jeff Knaub			OOS	CON	1	08/07/2020	08/10/2020	08/10/2020							
						J72A21-18B00 MD 5 Emergency Repair Bridge 1800100 over St Clements Creek											
20-PR-0036	1	Chris Burk		Gina Goettler	OHD	CON	1	08/07/2020	08/11/2020	08/11/2020							
						CH3865175 US 301 Emergency Declaration for US 301 south of MD 6 due to roadway shoulder collapse											
20-PR-0037	1	Tefamichael Bogale		Gina Goettler	D5	CON	1	08/12/2020	08/12/2020	08/12/2020							
						TBD MD 4 emergency declaration at 7780 Southern Boulevard (MD 4)											
20-PR-0038	1	Chris Burk		David Phillips	OHD	CON	1	08/14/2020	08/18/2020	08/18/2020							
						BA0065172 I 695 BA0065170 - I-695 TSMO - Outfall Analysis Review											
20-PR-0039	1	Chris Burk		Gina Goettler	OHD	CON	1	08/19/2020	08/28/2020								
						SM2375175 MD 5 Emergency Repair - MD 5 NB at Old Village Road - Slope Failure											
20-PR-0040	1	Brandon Scott		Jeff Folden	P3	CON	1	08/27/2020	08/28/2020	08/28/2020							
						AW073B12 I 495 I-495 / I-270 Managed Lane Study - Stream, Floodplain and Wetland Mitigation - Unnamed Tributary to Great Seneca											
						CON	2	10/15/2020	10/26/2020	10/26/2020							
20-PR-0040	2	Brandon Scott		Jeff Folden	P3	CON	1	09/16/2020	09/30/2020								
						AW073B12 I 495 I-495 / I-270 Managed Lane Study - Stream Mitigation - Lower and Upper Magruder Branch (CA 2/3)											
						CON	2	11/25/2020	12/02/2020	12/02/2020							
20-PR-0040	3	Brandon Scott		Jeff Folden	P3	CON	1	09/17/2020	10/01/2020								
						AW073B12 I 495 I495 / I270 Managed Lane Study: Pebblestone Drive Tributary Stream and Wetland Restoration (AN-3)											
20-PR-0040	3	Brandon Scott		Jeff Folden	P3	CON	2	10/20/2020	10/26/2020	10/26/2020							

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20-PR-0040	4	Brandon Scott		Jeff Folden	P3	CON	1	10/05/2020	10/14/2020				
						I495/I270 Managed Lane Study: Stream & Floodplain Wetland Mitigation - Paint Branch (AN-6)							
						CON	2	10/29/2020	11/10/2020	11/10/2020			
20-PR-0040	5	Brandon Scott		Jeff Folden	P3	CON	1	10/05/2020	10/16/2020				
						I495/I270 Managed Lanes Study - Stream Mitigation Paint Branch South Farm Tributaries							
						CON	2	11/25/2020	12/02/2020	12/02/2020			
20-PR-0040	6	Brandon Scott		Jeff Folden	P3	CON	1	10/07/2020	10/22/2020				
						I495/I270 Managed Lanes Study: Crabbs Branch Restoration (AN-1)							
						CON	1	10/23/2020	11/04/2020	11/04/2020			
20-PR-0040	7	Brandon Scott		Jeff Folden	P3	CON	1	10/23/2020	11/05/2020	11/05/2020			
						I495/I270 Managed Lanes Study - Stream and Floodplain Wetland Mitigation, Back Branch (PA-1)							
						CON	1	10/23/2020	11/05/2020	11/05/2020			
20-PR-0041	1	Tesfamichael Bogale			OOS	TBD	MD 234	Emergency					
20-PR-0042	1	Chris Burk		Hayford Tuffour	OOTS	CON	1	09/28/2020	09/28/2020	09/28/2020			
						SM1485170 MD 235 ST. MARY'S COUNTY - SMART SIGNAL SYSTEM ON MD 235 AND MD 246							
						CON	2	11/09/2020	11/12/2020	11/12/2020			
20-PR-0043	1	Jeff Knaub		Jagdish Thaker		CON	1	10/07/2020	10/20/2020				
						BAA445170 MD 140 BALTIMORE COUNTY - SMART SIGNAL SYSTEM ON MD 140							
						CON	1	10/22/2020	11/05/2020	11/05/2020			
20-PR-0044	1	Jeff Knaub			OOS	CON	1	10/22/2020	10/23/2020	10/23/2020			
						AZ095A51 US 29 Emergency Repair - Str 15192XO, US 29 over Trib to							
						CON	1	10/22/2020	10/23/2020	10/23/2020			
20-PR-0045	1	Jeff Knaub				CON	1	10/22/2020	10/23/2020	10/23/2020			
						86000 MD 5 Emergency Replacement of 30 inch pipe outfalling to Locks Swamp Creek							
						CON	1	12/09/2020	12/10/2020	12/10/2020			
20-PR-0046	1	Jeff Knaub				CON	1	12/09/2020	12/10/2020	12/10/2020			
						SM1515180 MD 6 Emergency Replacement for Bridge No 18013 over Persimmon Creek							
						CON	1	12/10/2020	12/22/2020	12/22/2020			
20-PR-0047	1	Jeff Knaub				CON	1	12/10/2020	12/22/2020	12/22/2020			
						to be determine MD 363 Emergency Repair of pipes near Deal Island Bridge							
						CON	1	12/17/2020	12/17/2020	12/17/2020			
20-PR-GA01	1	Jeff Knaub		Ryan Doheny	OHD	CON	1	12/17/2020	12/17/2020	12/17/2020			
						AW973AK3 NA N/A General Approval for Maintenance Activities							
						CON	2	10/15/2020	11/02/2020	11/02/2020			
21-PR-0003	3	Jeff Knaub		Aimee Schutz	DS	CON	1	07/27/2020	08/21/2020				
						23878 MD 238 N/A							
						CON	2	06/22/2021	07/06/2021	07/06/2021			
21-PR-0009	1	Jeff Knaub				CON	2	06/22/2021	07/06/2021	07/06/2021			
						TBD MD 445 Small Str Replacement 14079XO							
						SITE	1	07/01/2021	07/16/2021				
21-PR-0014	1	Jeff Knaub		Aimee Schutz		CON	1	07/01/2021	07/16/2021				
						23878/08334 MD 4 MD 4 at Dower House Road							
						CON	2	06/22/2021	07/06/2021	07/06/2021			
21-PR-0015	1	Jeff Knaub				CON	1	06/17/2021	07/01/2021				
						XX2295630 US 340 AT VARIOUS LOCATIONS IN WASHINGTON COUNTY							
						CON	1	06/17/2021	07/01/2021				
21-PR-0017	1	Jeff Knaub		Ben Hokuf	OOS	CON	1	06/29/2021	07/14/2021				
						BA3535180 I95 Latex Modified Concrete Overlays for vaious bridges on I-95							
						CON	1	06/29/2021	07/14/2021				

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15-PR-0097	1	Jeff Knaub		Jeff Folden	OHD	AW8965170	MD 404		Design-Build IHB - US 50 to East of Holly Road Package 1: Overall Project				
						AB	1	09/14/2020	10/02/2020				
15-PR-0135	39	Matt Keenan		David Phillips	OHD	WO6355170	US 113		Package 39 - Section 1 Final Grading				
						M3	1	11/04/2020	11/04/2020				11/04/2020
16-PR-0047	22	Tesfamichael Bogale		Austin Decker	OHD	HO1415170	MD 32		MD 32 Dualization from MD 108 to North of Linden Church Road				
						MOD	3	11/18/2020	12/10/2020				12/10/2020
						MOD	2	10/29/2020	11/17/2020				
						MOD	1	10/05/2020	10/21/2020				
16-PR-0047	99	Tesfamichael Bogale			OHD	HO1415170	MD 32		DESIGN-BUILD MD 108 TO LINDEN CHURCH ROAD INTERCHANGE				
						AB	5	06/25/2021	07/15/2021				
						AB	4	06/23/2021	07/16/2021				
17-PR-0075	30	Jeff Knaub		Michael Baird		GA6465270	US 219		US 219 from I-68 to Old Sailsbury Road				
						M2	1	08/13/2020	08/19/2020				08/19/2020
						M1	2	08/12/2020	08/25/2020				08/25/2020
						M1	1	07/13/2020	08/06/2020				08/06/2020
17-PR-0090	40	Tesfamichael Bogale		Austin Decker		HO7565370	MD 32		From Linden Church Road to I-70				
						M1	1	07/30/2020	08/06/2020				08/06/2020
17-PR-0090	48	Tesfamichael Bogale		Austin Decker		HO7565370	MD 32		From Linden Church Road to I-70				
						M1	1	11/09/2020	11/20/2020				
17-PR-0090	49	Tesfamichael Bogale		Austin Decker		HO7565370	MD 32		from Linden Church Road to I-70				
						MOD	4	06/25/2021	07/13/2021				07/13/2021
						FIN	6	08/19/2020	08/28/2020			08/28/2020	
						FIN	5	07/22/2020	08/17/2020				
17-PR-0090	52	Tesfamichael Bogale		Austin Decker		HO7565370	MD 32		From Linden Church Road to I-70				
						FIN	4	10/05/2020	10/29/2020				
						FIN	3	08/26/2020	09/22/2020				
17-PR-0154	12	Eduardo Alvarez		David Phillips	OHD	MO0695172	I 270		I-270 ICM - Package 12				
						M3	1	06/21/2021	07/14/2021				
17-PR-0154	13	Eduardo Alvarez		David Phillips	OHD	MO0695172	I 270		I-270 ICM - Package 13				
						FIN	1	06/15/2021	07/02/2021				
20-PR-0038	2	Chris Burk		David Phillips	OHD	BA0065172	I 695		IS-695 FROM IS-70 TO MD 43 - TRANSPORTATION SYSTEMS MANAGEMENT AND OPERATIONS				
						CON	2	06/11/2021	07/07/2021				
20-PR-0040	0	Brandon Scott		Jeff Folden	P3	AW073A11	I 495		I-495 / I-270 Managed Lane Study - General Document & Procedure Reviews				
						CON	3	06/28/2021	08/04/2021				

MDE SF Projects - Reporting Period July 1, 2020 through June 30, 2021													
PRD#	Phase	PRD TL	HHD Liaison	SHA PM	Lead Office	Stage	Sub	Received	Comment/ Approval	Concept Approved	Site Dev Approved	Final Approved	Mod Approved
08-SF-0042	0	Brandon Scott		Hicham Baassiri	OHD	PG6185170	MD 4	MD 4 at Suitland Parkway Interchange Improvements					
								IN-EX	2	03/17/2021	03/30/2021		
								MOD	2	03/03/2021	03/23/2021		
								MOD	1	09/02/2020	09/09/2020		
09-SF-0187	0	Brandon Scott		Mariefrance Guiteau	OHD	BA7295270	MD 140	MD 140 from N. of Painters Mill to S. of Garrison View					
								IN-EX	3	03/29/2021	03/30/2021		
09-SF-0208	0	Brandon Scott		Luis Gonzalez	OHD	WI3285674	US 13Bus	US 13 Business Drainage Improvements					
								IN-EX	2	05/11/2021	05/17/2021		
09-SF-0217	0	Brandon Scott		Jeff Robert	OOS	TA3925171	MD 331	Replacement of Existing Bridge on MD 331 Dover Road over Choptank River					
								IN-EX	1	05/06/2021	06/03/2021		
10-SF-0402	0	Brandon Scott		Chad Thornton	OHD	FR5715170	US 15	Monacacy Blvd Interchange					
								IN-EX	2	03/11/2021	03/12/2021		
11-SF-0189	0	Brandon Scott		Mariefrance Guiteau	OHD	PG1755170	MD 5	MD 5 at Brandywine Road and MD 373					
								IN-EX	3	02/12/2021	02/12/2021		
12-SF-0079	0	Brandon Scott		Sean Johnson	D7	CL3415184	MD 30	Hampstead Streetscape					
								IN-EX	2	02/12/2021	02/12/2021		
13-SF-0113	0	Brandon Scott		Chris Weber	OHD	PG7825284	MD 5	TC-CURTIS DRIVE TO NORTH OF SUITLAND PARKWAY NAYLOR ROAD FROM BRANCH AVENUE					
								M3	1	02/10/2021			
								M2	2	12/11/2020	12/18/2020		12/18/2020
								M2	1	09/21/2020	09/28/2020		
								M1	7	08/10/2020	08/13/2020		08/13/2020
								M1	6	07/01/2020	07/09/2020		
14-SF-0016	0	Brandon Scott				CE3865176	MD 273	MD 273 and Blue Ball Road Roundabout					
								IN-EX	2	07/24/2020	03/08/2021		
15-SF-0103	0	Brandon Scott		Lindsay Bobian	OHD	BA7275172	I 695	I-695 Outer Loop Widening Phase 2B - From MD 144 to South of US 40					
								IN-EX	3	03/26/2021	03/30/2021		
								M3	1	08/10/2020	08/24/2020		08/24/2020

2.2 WATER QUALITY BANK DEBITS

FY 2021 - Debits to the WQ Bank

PRD No.	Phase/Site/Package	Contract No.	Fund	Route	Name	Debit (ac)	Justification
17-PR-0044	1	BA2625177	77	MD 140	TC-FROM STOCKSDALE AVENUE TO PLEASANT HILL 16" & 20" WATER TRANS MAIN & RESU	-0.03	Minor Imp Surf Increase
17-PR-0117	1	HO1495187	87	MD 108	AT CENTENNIAL LANE / BEVERBROOK ROAD	-0.24	Temporary debit
Total Debits for FY 2021						-0.27	

2.3 AGENCY AND PUBLIC MEETING SUMMARY

Agency Meeting Summary

No Inter-Agency meetings were held between July 1, 2020, through June 30, 2021.

OTHER:

Ms. Gwen Gibson (DNR) requested an update on the MAGLEV comment responses and asked if MAGLEV will be reviewed in the IRM or JE. Mr. Joe DaVia (USACOE) responded that MAGLEV is a JE topic and is not a state highway project. The project is led by a private entity and MDOT has high-level involvement. Public comments have not been released yet.

MDOT SHA PRESENTATION

US 219: Meyersdale, PA to Old Salisbury Road, MD

Project No.: TBD

Presentation Focus: Project Update on Team Recommended
Alternative Project Manager: Mr. Jeremy Beck
(JBeck@mdot.maryland.gov, 410-545-8518)

Environmental Manger: Ms. Karen Arnold (Karnold@mdot.maryland.gov, 410-545-8510)

Presentation Summary

Mr. Barry Kiedrowski, Division Chief of the Project Management Division (MDOT SHA), provided an update on the US 219 Meyersdale, PA to Old Salisbury Road, MD project located between Garret County, MD and Somerset County, PA. US 219 is part of the Appalachian Development Highway System and the Continental 1 corridor and was included in the 2001 North/South Appalachia Corridor Study.

PennDOT and MDOT are working jointly to connect Old Salisbury Road to Meyersdale and towards a National Environmental Policy Act (NEPA) decision. In November 2020, Pennsylvania (PA) committed funds for the Environmental Studies and Preliminary Engineering Phase. PA will serve as the lead state DOT. MDOT and PennDOT are currently developing an agreement to establish roles and responsibilities. The project team consists of staff from MDOT SHA, PennDOT, various state and federal agencies and design consultant Stantec and their subconsultants.

The 2002-2007 NEPA effort for the Meyersdale to I-68 Corridor resulted in a draft Environmental Impact Statement (EIS) which had a brief re-initiation in 2014. Funding limitations prevented the project from being completed at that time. A 2016 Planning and Environment Linkage (PEL) study evaluated the previous NEPA alignments along the corridor and determined a stand-alone project existed on US 219 from MD- I-68 to Old Salisbury Road in Maryland. An FHWA acknowledgement letter was received in July 2016. In 2017, a Categorical Exclusion was approved for the stand-alone project; this project opened to traffic in May 2021 and serves the Chestnut Ridge Corridor.

Ms. Arnold reviewed agency involvement during the 2016 PEL document since it is a starting point for the NEPA document for the remaining section of the corridor between I-68 and Meyersdale. During that process, agency representatives were asked to comment on the Goals/Objectives, data, and potential mitigation and review of environmental data and alignments. The 16 potential alignments between I-68 and Old Salisbury Rd were assessed in three steps and reduced to a smaller number of recommended alignments. The first step evaluated the alignments against the vision, objectives, needs and performance of the project; this resulted in five alignments that did not substantially meet the first step evaluation criteria. The second step evaluated the environmental and cultural impact information for the remaining eleven alignments using information from the previous NEPA efforts (2002-2007) and secondary source information, such as GIS, resource agency mapping/databases, and other readily available information. Seven alignments had significant environmental impacts and were eliminated. The third step evaluated the four remaining alignments using the previous environmental and cultural resource categories with an enlarged limit of disturbance in PA (due to steeper terrain), field-collected data, and input from agency and public comments. The PEL identified E and E-shift as the two primary alignments.

The information in the 2016 PEL document will be refreshed, and new data will be collected for the 2021 NEPA efforts. Coordination with MD and PA is required to establish data collection efforts. Methodology and assessments were discussed at Pennsylvania's April 2021 Agency Coordination Meeting (ACM), including threatened and endangered bat hibernaculum, wetland assessment methodology, stream assessment, threatened and endangered (T&E) aquatic species, and permitting. The Pennsylvania Game Commission requested a Pennsylvania Natural Diversity Inventory for the project area to encompass all

the alternatives and a ¼ mile buffer. DEP will confirm if Instream Comprehensive Evaluations (ICE) protocols are acceptable for the Stream Assessment. For T&E aquatic species, PennDOT will assume the possible presence of Longnose sucker and will design to address thermal impacts. MD agency feedback was requested for the environmental studies methodology (see Discussion Section).

Three individual permits are anticipated, including one for each state and one Federal permit. Archeology will use the PennDOT predictive model. FHWA-PA is the lead federal agency and will work with FHWA-MD and MDOT SHA. The NEPA process will begin once the Notice of Intent (NOI) is published. It is anticipated that this project will require the preparation of an EIS.

Moving forward, early, and frequent coordination will be conducted with the agencies. The plan is to evaluate the PEL alternatives, possibly re-visit the dismissed alternatives, and potentially develop new alignments due to the changes in the termini from the original studies. More detailed studies will be conducted in the planning phase as the project is developed. The proposed scope of work and studies will be reviewed with the agencies to ensure that all tasks are captured as the project moves forward. Corridor footprints will be investigated to include stormwater control measures. In addition, the Purpose and Need will be revisited during the initial stages of the project.

Next steps include stakeholder coordination to reconnect the community and elected officials with the project team and ACM/IRM coordination, both anticipated to begin Summer 2021. Virtual team meetings are planned to be held for the agency representatives from both states on the ACM monthly schedule (4th Wednesday). In addition, meetings will be held with the individual agencies to discuss the methodology and assessment tools for the environmental studies to develop a clear scope of work for the design consultant.

The project is funded through preliminary engineering to complete the NEPA effort. Ms. Nicki Donahoe (PennDOT) explained that NEPA must be completed within two years after the NOI is submitted. The project schedule needs to be carefully developed because subsequent phase funding must be secured to obtain NEPA clearance.

Discussion

Mr. Nick Ozburn (USACOE) said that for MD, the EPA rapid habitat assessment should be used for streams less than 300 LF and the function-based framework for stream assessment should be used for streams over 300 LF and for all high-quality streams, regardless of length.

Ms. Gwen Gibson (DNR) requested a refresh of the RTE review. She noted that many E&S species were identified in the PA project area in the 2016 PEL and that Casselman River is a high priority. Mr. Ray Li (FWS) added that the FWS species status assessment decision is due soon about whether to list three additional bat species as endangered, including the long-eared bat. If listed as endangered, more rigorous avoidance measures will be required for the long-eared bat.

Mr. Joe DaVia (USACOE) asked if scoping meetings will be held after NOI as part of the public involvement process for the 6.6-mile corridor project. Mr. Attilio Squillario (PennDOT) responded that a contract is currently being developed with the newly selected design consultant. Next steps include the scope of work, NOI, and then public involvement. Mr. John Crum (FHWA/PA) said that the PEL will be revisited and updated before the NOI is issued after which procedural requirements will be initiated, including public involvement and agency coordination. The goal is to complete the environmental studies as much as possible in advance of the NOI. Ms. Arnold added that the environmental studies and other pre-NEPA studies need to be finished to complete the Record of Decision within two years after NOI.

Mr. DaVia asked if the MD process will be followed for the permit decision. Ms. Arnold said that permits are required from both states. A joint public hearing may be held after DEIS as part of NEPA. Mr. DaVia said that he will need to coordinate with the Pittsburgh Corp to see if the meeting should be joint or separate. Mr. Ed Tinney (MDE) suggested that the Section 401 permit logistics should be coordinated to ensure that timeframes are not missed. Mr. Allen Edris of the USACOE in the Pittsburgh District will be the project lead.

Ms. Jen Kagel (FWS) stated that much has changed since the 2016 PEL was developed and suggested that the old alignments are reevaluated and perhaps some additional new alignments be evaluated. The long-eared bat was not listed as threatened at the time the PEL was developed and may possibly soon be listed as endangered. In addition, there are two new bat hibernacula in the project area. Ms. Donahoe responded that the data will be refreshed. As the project is still in the scoping process, there is flexibility to assess a new

agency-proposed alignment or address an agency concern with an alignment. Mr. Attilio Squillario (PennDOT) noted that some alignments will be removed early from the analysis since the southern terminus is set and the western alignments have significant environmental impacts. Ms. Donahoe (PennDOT) added that the Purpose and Need will be revisited, but likely the alignments that fell out in first step of the PEL vetting process will also likely not fit the updated Purpose and Need. Ms. Arnold said that the alignment will probably follow the PEL by supporting economic development, avoiding existing development, and incorporating mobility and safety improvements. New alignments can be added, but they need to fit into the Purpose and Need.

Closing Comments/Adjournment

Mr. DaVia requested a PEL document link and the presentation. Ms. Arnold said that the meeting summary, presentation, and PEL link will be sent within a month.

Ms. Donahoe said that meetings will be held with the agencies to discuss data collection methodologies soon after the design consultants are on-board.

In-Person Public Meetings							
Project	Date	Location	Office Lead	Meeting Type	Notes	Contract	PRD No
Open Streets Citizens	August 10, 2020	Field Meeting	D3 Traffic	In-person field meeting	Pilot under review; pending funding, etc.	TBD	TBD
MD 151 Tradepoint Atlantic	September 3, 2020	North Point/Edgemere Volunteer Fire Company	OOS/D4	North Point Peninsula Community Council (MDOT SHA invited)	Fran Taylor, President of the North Point Peninsula Community Council, welcomes an SHA representative to attend to talk about the Wharf Road interchange project. Tradepoint Atlantic will be giving a progress update at the meeting as well. Ben Hokuf to attend.	BA8605280	19-PR-0020
Borden Tunnel Lighting Project (funded by the Recreational Trails program)	May 13, 2021	Ribbon Cutting at Borden Tunnel. Mountain Maryland Trails, the volunteer organization that assists with development and maintenance on the Great Allegheny Passage trail in Allegany County.	OPPE RIPD	Ribbon Cutting at Borden Tunnel	Cheryl Ladota (MDOT) invited to speak. OC requested speaking notes in advance.	N/A	N/A

Virtual Public Meetings							
Project	Date	Location	Office Lead	Meeting Type	Notes	Contract	PRD No
Open Streets Citizens (MD 193 OS pilot project)	July 23, 2020	Virtual	D3 Traffic	Virtual Community Meeting	Pilot under review; pending funding, etc.	TBD	TBD
MD 704 Road Diet	August 6, 2020	Virtual		Virtual presentation on MS Teams		TBD	TBD
I-83 and Belfast Road Lighting Project (Concern about interchange lighting project)	August 13, 2020	Virtual	OOTS/D4	Virtual Community Meeting	Public Involvement assisting OOTS/D4 with virtual mtg and moderating.	XX1745185	19-PR-0044-01
Sligo Creek Trail Crossing Safety Community Discussion	September 2, 2020	Virtual		Virtual		TBD	TBD
MoCo/State Vision Zero	September 8, 2020	Next steps for VZ	VZ Team	Virtual Public Meeting	Last Meeting Winter 2020	N/A	N/A
MD 410/Grubb Road Discussion	September 17, 2020	Potential Safety Improvement Discussion	D3	Virtual	D18 Delegation lawmakers to discuss next steps for ped safety solutions	TBD	TBD
US 1 Overlea	September 22, 2020	(Virtual) Community Listening Session	OHD	Virtual Community Listening Session (MS Teams Meeting format)	Sam K. spoke with Sen. Klausmeier regarding our commitment to conduct a virtual public meeting to discuss US 1 (Belair Road) in Overlea, Baltimore County. Her office provided Sam with the contact list of stakeholders. 9/11-Sam K. has confirmed virtual meetings for 9/22/20. Dry runs on 9/18 and 9/21.	TBD	TBD

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MD 4 Suitland Parkway Project Update (District 25)	September 22, 2020	Virtual		Virtual	This will be to let them know we are terminating the project.	PG6185170	08-SF-0042
Delegate Ivey Town Hall	September 24, 2020	Virtual		Virtual	They will be discussing the September 10th flood.	N/A	N/A
Greenbelt City council Work Session	October 28, 2020	Virtual		Virtual		N/A	N/A
District 47 Meeting	November 10, 2020	Virtual		Virtual		N/A	N/A
I-83 and Belfast Road Lighting Project	December 9, 2020	Virtual	OOTS/D4	2nd Virtual Community Discussion	Led by Tim Smith. (Community concern about interchange lighting project)	XX1745185	19-PR-0044-01
D3 Meeting (Town of Chevy Chase officials on traffic signal requests)	January 12, 2021	Virtual		Virtual via MSTeams	Town-requested meeting, help virtually via MSTeams and was also staffed by OOTS.	N/A	N/A
Triple Bridges (I-695/I-70) Task Force	January 27, 2021	Virtual Task Force Meeting #1	OHD	Virtual via MSTeams	Revamping public outreach efforts with initiation of task force.	BA0065272	20-PR-0038
Triple Bridges (I-695/I-70) Task Force	February 10, 2021	Virtual Task Force Meeting #2	OHD	Virtual via MSTeams	I-695/70 Triple Bridges 2nd virtual task force /Stakeholder meeting.	BA0065272	20-PR-0038
MD 185 at Jones Bridge Road	February 17, 2021	Intersection improvements	OHD/D3	Virtual community meeting/Project start PDF	Teams Live Event. Team is working on follow up Q&A and portal page updates. **Re-recording of 2/17 Virtual Pre-Construction Meeting is up on portal page.	MO5935870	15-PR-0072
Legislative District 47 meeting (sponsored by Delegate Fisher)	February 6, 2021	Traffic and maintenance related discussion where community leaders are invited to participate.	D3	Zoom meeting (MDOT SHA invited)	D3 leadership has been invited to a Legislative District 47 meeting (three to four times a year).	N/A	N/A

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Triple Bridges (I-695/I-70) Task Force	March 3, 2021	Virtual Task Force Meeting #3	OHD	Virtual via MS Teams	I-695/70 Triple Bridges 3rd virtual task force/stakeholder meeting.	BA0065272	20-PR-0038
I-83 and Belfast Road Lighting Project	March 18, 2021	Safety and Lighting Review (Virtual)	D4	Virtual Safety and Lighting Technical Review	Targeted audience (invite only).	XX1745185	19-PR-0044-01
Triple Bridges (I-695/I-70)	March 27, 2021	Graystone Virtual Community Meeting – Project Introduction	OHD	Virtual via Zoom (Community hosted meeting during their monthly meeting)	Basic project information and introduction to Design Build. Questions asked by community regarding scope/why now for project, and potential construction impacts.	BA0065272	20-PR-0038
MD 4 at Suitland Parkway Interchange	April 6, 2021	Virtual Public Meeting (Zoom)	OHD	Virtual Zoom Meeting (link provided by Prince George's County DPW&T)	Virtual meeting to inform the public on status of the MD 4 at Suitland Parkway Interchange project.	PG6185170	08-SF-0042
Pedestrian Safety Action Plan (PSAP)	April 30, 2021	Virtual Teams Live Event	RIPD	Virtual Teams Live Event/Statewide Initiative	Eblasts were approved and sent out by CRMs (first to EOs, then to District stakeholder distribution lists.	N/A	N/A

<p>MD 193 Bike Lanes</p>	<p>May 13, 2021</p>	<p>Virtual Teams Live Event</p>	<p>D-3 Engineering Systems Team</p>	<p>Virtual Microsoft Teams Live Event</p>	<p>Public comments /Questions submitted to online comment form for team to address during virtual meeting. translated in Spanish.</p>	<p>TBD</p>	<p>TBD</p>
<p>Neighbors of Mayo Virtual Community Meeting</p>	<p>May 19, 2021</p>	<p>SHA invited - Virtual Community Meeting</p>	<p>D5 Traffic</p>	<p>Virtual Community meeting (hosted on Zoom platform)</p>		<p>N/A</p>	<p>N/A</p>