### Preliminary Right of Way Data Sheet

**City/County:** Prince William  
**UPC No.: N/A**

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**These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way.**
**TMP/SOC General Notes**

**TRANSPORTATION NOTES**

1. The Contractor shall be responsible for implementing and providing the following:

   a. Notify the Northern Region Transportation Operations Center (571) 350-2100 at least one week in advance or the Wednesday before scheduled work in order to place lane closure information on the 511 System and VA511.

   b. The Contractor shall be responsible for establishing project lane closure information on the 511 System and VA511 through the procedure of the project is supported to ensure that the necessary information is placed on the 511 System and VA511.

2. Schedule for every shift, the Contractor shall maintain a copy of the project location and obtains training on how to enter the necessary information into the 511 System.

   a. The Contractor shall be responsible for establishing project lane closure information for 511 System and VA511 through the procedure of the project is supported to ensure that the necessary information is placed on the 511 System and VA511.

   b. Schedule for every shift, the Contractor shall maintain a copy of the project location and obtains training on how to enter the necessary information into the 511 System.

   c. Schedule for every shift, the Contractor shall maintain a copy of the project location and obtains training on how to enter the necessary information into the 511 System.

3. The Contractor shall be responsible for establishing project lane closure information on the 511 System and VA511 through the procedure of the project is supported to ensure that the necessary information is placed on the 511 System and VA511.

   a. Schedule for every shift, the Contractor shall maintain a copy of the project location and obtains training on how to enter the necessary information into the 511 System.

   b. Schedule for every shift, the Contractor shall maintain a copy of the project location and obtains training on how to enter the necessary information into the 511 System.

4. The Contractor shall be responsible for establishing project lane closure information on the 511 System and VA511 through the procedure of the project is supported to ensure that the necessary information is placed on the 511 System and VA511.

   a. Schedule for every shift, the Contractor shall maintain a copy of the project location and obtains training on how to enter the necessary information into the 511 System.

   b. Schedule for every shift, the Contractor shall maintain a copy of the project location and obtains training on how to enter the necessary information into the 511 System.

5. The Contractor shall be responsible for establishing project lane closure information on the 511 System and VA511 through the procedure of the project is supported to ensure that the necessary information is placed on the 511 System and VA511.

   a. Schedule for every shift, the Contractor shall maintain a copy of the project location and obtains training on how to enter the necessary information into the 511 System.

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TMP/SOC TTC Notes & Details

Typical Traffic Control
Roadway Cross Section with a Barrier (Figure 0-10)

Typical Traffic Control
Setting for Pedestrian (Figure 0-16)

Design Features Relating to Construction
or to Regulation and Control of Traffic
May Be Subject to Change As Deemed Necessary by the Department

Surveyed By, Date
Design By
Subsurface Utility By, Date

Project Manager
PWC Dept. of Transportation: Sherry Djouharian (703) 792-6822
AccuMark, Inc., December 2019

For Any Type of Construction or the Acquisition of Right of Way.

These Plans Are Unfinished and Unapproved and Are Not To Be Used For Any Type of Construction or the Acquisition of Right of Way.
Erosion and Sediment Control Notes and Narrative

1. PERMANENT CHANNELS SHALL BE DESIGNED AND CONSTRUCTED IN A MANNER THAT WILL MANAGE CONCENTRATED STORMWATERheetQFETAINED UNTIL A GROUND COVER IS ACHIEVED THAT IS UNIFORM, MATURE ENOUGH TO SURVIVE AND WILL NOT BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 14 DAYS. PERMANENT SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SHEET EROSION CONSTRUCTION SHALL BE DESIGNED TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.

2. Sheet erosion control measures shall be installed as shown on the RW Plan. EXCEPT FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY. Watershed hydrological analysis shall be performed to determine the peak flow rate from a rainfall event.

3. ALL HYDROLOGIC ANALYSES SHALL BE BASED ON EXISTING WATERSHED CHARACTERISTICS AND MANAGED TO PRODUCE A LOSS OF NO MORE THAN 500 LINEAR FEET OF TREES MAY BE OPENED AT ONE TIME.

4. ALL PREVIOUSLY CONSTRUCTED MAN-MADE CHANNELS SHALL BE ANALYZED BY THE USE OF A TWO-YEAR STORM TO VERIFY THAT THE MINIMUM STORAGE CAPACITY OF A SEDIMENT TRAP SHALL BE 134 CUBIC YARDS PER ACRE OF DRAINAGE AREA AND THE TRAP SHALL ONLY CONTROL DRAINAGE AREAS LESS THAN THREE ACRES. FOR NATURAL OR MAN-MADE CHANNELS IF THE PRACTICES ARE DESIGNED TO (I) DETAIN THE OUTFALL FROM A DETENTION FACILITY SHALL BE DISCHARGED TO A RECEIVING CHANNEL, AND (II) THAT STORMWATER WILL NOT CAUSE EROSION OF CHANNELS OR BANKS, DURING CONSTRUCTION OF THE PROJECT, SOIL STOCK PILES AND BORROW AREAS SHALL BE COVERED FOR A PERIOD OF TIME NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE VESCP AUTHORITY. TRAPPED SEDIMENT SHALL BE PERMITTED TO BE AT FINAL GRADE BUT WILL REMAIN DORMANT FOR LONGER THAN 14 DAYS. PERMANENT SOIL STABILIZATION SHALL BE APPLIED WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE SITE. TEMPORARY SHEET EROSION CONSTRUCTION SHALL BE DESIGNED TO MINIMIZE ENCROACHMENT, CONTROL SEDIMENT TRANSPORT AND STABILIZE THE WORK AREA TO THE GREATEST EXTENT POSSIBLE DURING CONSTRUCTION.

5. CONSTRUCTION FEATURES RELATING TO CONSTRUCTION

6. MINIMIZE EROSION AND PROMOTE STABILIZATION.

7. BANKS AND BANKS OF WATERSHEDS SHALL BE STABILIZED IMMEDIATELY AFTER WORK ON THE WATERSHED IS COMPLETED.

8. UNDERGROUND USES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE OPD OR SITE SPECIFICATIONS.

9. NO MORE THAN 300 LINEAR FEET OF TREES MAY BE OPENED AT ONE TIME.

10. MATERIALS USED FOR SHOULDER TRENCHES SHALL BE PROPERLY COMPACTED IN ORDER TO MINIMIZE EROSION AND PROMOTE STABILIZATION.

11. APPLY APPLICABLE REQUIREMENTS SHALL BE COMPLIED WITH.
Erosion and Sediment Control Plan

VESCH Narrative and Checklist

**PROJECT DESCRIPTION**

The project requires the clearing of a section of a storm drain system and the construction of a storm sewer system. The project area is located within the limits of a small watershed of the Prince William County Occoquan River watershed (Drainage Plan). The project site is a development with mixed land uses.

**AREA AWARENESS AREAS**

Areas adjacent to the project limits are agriculturally, industrial, and residential uses.

**EXISTING SITE CONDITIONS**

The soils on the site vary from sandy loam to clay loam. The highest soils are primarily sandy loam, A, B, and D soils. See Sheet 1 for complete soils information provided from the Virginia Department of Conservation and Recreation (VDCR). The soils are generally good for construction, but care must be taken to prevent erosion.

**PHASE 1 LAND DISTURBING CONSTRUCTION SEQUENCE**

1. Existing site conditions and soil profile information
2. Temporary erosion and sediment control measures
3. Development of a storm sewer system
4. Construction of temporary storage basins
5. Construction of temporary road stabilization
6. Installation of inlet protection
7. Installation of temporary sediment basins
8. Installation of temporary seedings
9. Installation of permanent seedings
10. Restoration of disturbed areas

**PHASE II LAND DISTURBING SEQUENCE**

1. Final grading and compaction
2. Placement of permanent vegetation
3. Placement of permanent erosion and sediment control measures
4. Final inspection

**CALCULATIONS**

- **Waste Quantity Calculations:**
  - **Manuals:**
    - **3.11 TRAFFIC CONSTRUCTION ENTRANCE (3.02):**
    - A channel constructed across a slope with a supporting earthen ridge on the lower side.
  - **3.03 CONSTRUCTION ROAD STABILIZATION (3.03):**
    - A temporary sediment barrier consisting of a synthetic filter fabric stretched across and attached to the soil surface.
  - **3.14 TEMPORARY SEDIMENT BASIN (3.14):**
    - A temporary ponding area formed by constructing an earthen embankment with a stone outlet.
  - **3.15 TEMPORARY STONE CONSTRUCTION ENTRANCE (3.15):**
    - A protective barrier installed to prevent access to an erosion control measure.
  - **3.16 STORMWATER CONVEYANCE CHANNEL (3.16):**
    - Structurally lined aprons or other acceptable energy dissipating devices placed at the outlets of pipes or structures.
  - **3.17 TEMPORARY SEDIMENT TRAP (3.17):**
    - A sediment filter located at the inlet to storm sewer culverts.
  - **3.18 TEMPORARY SEDIMENT TRAP (3.18):**
    - A temporary ponding area formed by constructing an earthen embankment with a stone outlet.
  - **3.19 TEMPORARY SEDIMENT TRAP (3.19):**
    - A temporary ponding area formed by constructing an earthen embankment with a stone outlet.
  - **3.20 ROCK CHECK DAMS (3.20):**
    - Small temporary stone dams constructed across a swale or drainage ditch.
  - **3.21 PERMANENT SEEDING (3.21):**
    - All areas disturbed by construction shall be stabilized with permanent vegetation immediately following construction.
  - **3.22 TEMPORARY SEEDING (3.22):**
    - All permanent seedings calculated as well as final and runoff calculations can be found in the Drainage Report.

**CONSTRUCTION SEQUENCE**

1. Development of a storm sewer system
2. Construction of temporary storage basins
3. Construction of temporary road stabilization
4. Installation of inlet protection
5. Installation of temporary sediment basins
6. Installation of temporary seedings
7. Installation of permanent seedings
8. Restoration of disturbed areas

**STABLE VEGETATION**

All areas disturbed by construction shall be stabilized with permanent vegetation immediately following construction.

**STORMWATER MANAGEMENT FACILITIES**

- **SEDIMENT TRAP:**
  - A device used to remove sediment from stormwater runoff.
- **SILT FENCE:**
  - A protective barrier installed to prevent access to an erosion control measure.
- **DRAINAGE CONSTRUCTION FEATURES:**
  - **Adjacency:**
    - **3.31 TEMPORARY SEDIMENT TRAP (3.31):**
      - A temporary sediment trap consisting of a synthetic filter fabric stretched across and attached to the soil surface.
    - **3.32 PERMANENT SEEDING (3.32):**
      - All areas disturbed by construction shall be stabilized with permanent vegetation immediately following construction.

**CONSTRUCTION SEQUENCE**

1. Development of a storm sewer system
2. Construction of temporary storage basins
3. Construction of temporary road stabilization
4. Installation of inlet protection
5. Installation of temporary sediment basins
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  - **Adjacency:**
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      - A temporary sediment trap consisting of a synthetic filter fabric stretched across and attached to the soil surface.
    - **3.32 PERMANENT SEEDING (3.32):**
      - All areas disturbed by construction shall be stabilized with permanent vegetation immediately following construction.
GENERAL NOTES

1) The grade of the roadway shall be determined based on anticipated settlement and may require adjustment during construction. Payment will be made to the Contractor for the actual amount of work performed.

2) The cost of removal of existing concrete items located in the area to be excavated shall be included in the price bid for excavation.

3) The drain type and location shown on these plans are approximate only, with the exception of structures shown specifically in the plans.

4) Additional drainage structures shown on these plans are based on previous discussions with the Contractor and are subject to change until approved by the Engineer.

5) slopes shown on plan sheet number 1 refer to the height of cut in feet.

6) The drain type and location are approximate only, with the exception of structures shown specifically in the plans.

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21) The drain type and location are approximate only, with the exception of structures shown specifically in the plans.

22) The drain type and location are approximate only, with the exception of structures shown specifically in the plans.

23) The drain type and location are approximate only, with the exception of structures shown specifically in the plans.

24) The drain type and location are approximate only, with the exception of structures shown specifically in the plans.

EROSION AND SEDIMENT CONTROL (ESC)

1) All erosion and sediment control measures shall be provided to prevent erosion and sedimentation during construction in accordance with Section 303 of the applicable VDOT Road Construction and Bridge Specifications.

2) All erosion and sediment control measures shall be provided to prevent erosion and sedimentation during construction in accordance with Section 303 of the applicable VDOT Road Construction and Bridge Specifications.

3) Erosion and Sediment Control Products shall be provided to prevent erosion and sedimentation during construction in accordance with Section 303 of the applicable VDOT Road Construction and Bridge Specifications.

STORMWATER MANAGEMENT

1) Storm drain systems shall be provided to prevent erosion and sedimentation during construction in accordance with Section 303 of the applicable VDOT Road Construction and Bridge Specifications.

2) Storm drain systems shall be provided to prevent erosion and sedimentation during construction in accordance with Section 303 of the applicable VDOT Road Construction and Bridge Specifications.

3) Storm drain systems shall be provided to prevent erosion and sedimentation during construction in accordance with Section 303 of the applicable VDOT Road Construction and Bridge Specifications.

4) Permanent vegetation shall be established on all areas requiring non-siltation measures. See the ESC notes/dates sheet for details on permanent vegetation establishment.
### Underdrain Summary

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<td></td>
<td>Tie to 4-10</td>
</tr>
<tr>
<td>Annapolis Way</td>
<td>39+75</td>
<td>33+04</td>
<td>6 INCH</td>
<td>03</td>
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<td>2</td>
<td></td>
<td></td>
<td></td>
<td>Tie to 4-10</td>
</tr>
<tr>
<td>Annapolis Way</td>
<td>33+56</td>
<td>35+03</td>
<td>6 INCH</td>
<td>03</td>
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<td>2</td>
<td></td>
<td></td>
<td></td>
<td>Tie to 4-10</td>
</tr>
</tbody>
</table>
Typical Ditch *A* Roadside

Proposed Ditch

*Note: Dimension "D*" denotes minimum depth of ditch lining.

Ditch Profiles

Proposed Ditch

Ex. Ground

Prop. Ditch (2)

Ditch 1

Annapolis Way

Ditch 2

Ditch 3

EC-2 Type 1

Ditch 3

 bast 0.00

+10.26

5.50

(3)

Ditch

Ex. Ground

Ditch Profiles

Ditch 3

Ex. Ground

Proposed Ditch

Ditch Typical

Typical Ditch *A* Roadside

Proposed Ditch

*Note: Dimension "D*" denotes minimum depth of ditch lining.
Proposed Drainage Descriptions

**Sheet 4**

- **EX 3**
  - **JOA 0.089**
    - Lift 400'-0" to 600'-0"
    - Lift 400'-0" to 600'-0"
    - Lift 400'-0" to 600'-0"
  - **JOA 0.089**
    - Lift 400'-0" to 600'-0"
    - Lift 400'-0" to 600'-0"
    - Lift 400'-0" to 600'-0"

- **EX 4**
  - **JOA 0.089**
    - Lift 400'-0" to 600'-0"
    - Lift 400'-0" to 600'-0"
    - Lift 400'-0" to 600'-0"

- **EX 5**
  - **JOA 0.089**
    - Lift 400'-0" to 600'-0"
    - Lift 400'-0" to 600'-0"
    - Lift 400'-0" to 600'-0"

- **EX 6**
  - **JOA 0.089**
    - Lift 400'-0" to 600'-0"
    - Lift 400'-0" to 600'-0"
    - Lift 400'-0" to 600'-0"

**Conductance**

- **LH 0.089**
  - Lift 400'-0" to 600'-0"
  - Lift 400'-0" to 600'-0"
  - Lift 400'-0" to 600'-0"

**Connect**

- **UD-4**
  - Lift 400'-0" to 600'-0"
  - Lift 400'-0" to 600'-0"
  - Lift 400'-0" to 600'-0"

**Note:** These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way.
STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET

SECTION I  GENERAL INFORMATION

1. Activity Description - Construction

2. This land disturbing construction activity site is located in (Prince William County) and approximately 4.61 acres will be disturbed by excavation, grading or other construction activities.

3. This proposed activity disturbs more area and greater or requires coverage under the VDDES (Construction General Permit) for Chesapeake Bay Preservation Areas (as defined in the VDDES General Information Sheet). A copy of the VDDES Construction General Permit is attached. See Construction Activities page 1-3.

4. The SWPPP General Information Sheets are provided as a means to document the information template of this activity site. The SWPPP General Information Sheets are in a format that can be used by the SWPPP permit holder to meet the requirements of the General Permit.

5. Written Evidence of permit coverage shall be provided by the contractor for all support activities located outside of VDDES coverage of any or all projects. These activities shall be reviewed for compliance with the VPDES Construction General Permit coverage letter or Letter from VDOT SWM Authority stating coverage not required.

6. Use the SWPPP General Information Sheets that have been identified as accepted in Section 533-03-03-03 A.1.1 of the Virginia Administrative Code (VAOSA) (name of surface waters) or not applicable (N/A).

7. Written evidence of permit coverage shall be provided by the contractor for all support activities located outside of VDDES coverage of any or all projects. These activities shall be reviewed for compliance with the VPDES Construction General Permit coverage letter or Letter from VDOT SWM Authority stating coverage not required.

8. This kind disturbance activity disturbances must be reported to the State Water Control Board prior to July 1, 2016 for sediment, total suspended solids, turbidity, nitrogen or phosphorus.

9. Locations of surface waters and locations where concentrated stormwater is disturbed from the kind disturbance activity identified in the construction plan set for other such documents for this kind disturbance activity (i.e., name of surface waters and locations here if not shown in construction plan or other documents).

10. The ESC and SWM plans (where applicable) for this land disturbance activity shall initiate corrective actions no later than 5 business days after the initial investigation.

11. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

12. If excessive loading of sediment from a land disturbing activity that is not the result of a measurable storm event is expected from the project with an implemented ESC plan) that is discovered within a measurable storm event for the purposes of ESC and Pollution Prevention inspections will be required based on the amount of accumulated rainfall in the rain gage.

13. The location of the on-site rain gage that will be used to determine the occurrence of a measurable storm event will be noted in the log book and the rain gage emptied on a regular basis. An inspection is required to be conducted in the rain gage and the rain gage emptied and replaced. An inspection is required if there is a 0.25 inches or more accumulated rainfall in the rain gage.

14. The location of the on-site rain gage that will be used to determine the occurrence of a measurable storm event will be noted in the log book and the rain gage emptied on a regular basis. An inspection is required to be conducted in the rain gage and the rain gage emptied and replaced. An inspection is required if there is a 0.25 inches or more accumulated rainfall in the rain gage.

15. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

16. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

17. If excessive loading of sediment from a land disturbing activity that is not the result of a measurable storm event is expected from the project with an implemented ESC plan) that is discovered within a measurable storm event for the purposes of ESC and Pollution Prevention inspections will be required based on the amount of accumulated rainfall in the rain gage.

18. If there is an excessive loading of sediment from the project (so more than 0.25 inches of accumulated rainfall) that is discovered within a measurable storm event for the purposes of ESC and Pollution Prevention inspections will be required based on the amount of accumulated rainfall in the rain gage.

19. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

20. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

21. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

22. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

23. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

24. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

25. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

26. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

27. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

28. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

29. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

30. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

31. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

32. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

33. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

34. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

35. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.

36. The following VDOT documents are applicable to a) permitted projects under VDDES General Permit coverage letter, non-CBPA, non-CBPA with BMP projects that have a water quantity BMP, and/or non-CBPA with BMP projects that have a water quantity BMP.
SECTION I EROSION AND SEDIMENT CONTROL

11. The temporary erosion and sediment controls shown on the ESC Plan for this land disturbance (construction) activity are intended to provide a general plan for controlling erosion and sedimentation within the project area. ESC Plan is based on field conditions at the time of plan development and an assumed duration of construction for this project. The contractor, in conjunction with the VDOT Project Engineer and/or ESC Inspector, shall adjust the location, quantity and type of erosion and sediment control items required based on the construction activities identified in the construction plan set (or other such documents) for this land disturbance (construction) activity.

12. Any variance, exception or deviation approved by VDOT must be listed below and supporting documentation (e.g. ESC Minor Deviation Request and DEQ approval) must be maintained with the SWPPP.

ACRONYMS

DAS - Design Analysis Sheet
DEQ - Department of Environmental Quality
DD - Design Drawings
ESC Plan - Erosion and Sediment Control Plan
G & G - Geotechnical and Geophysical
HCD - Highway Construction District
HCD - Highway Construction District
M & E - Maintenance of Erosion Control
M & E - Maintenance of Erosion Control
P & E - Planning and Environmental
P & E - Planning and Environmental
PLAN - Plan
SWM - Stormwater Management
VESCP - Virginia Erosion and Sediment Control Program
VDOT - Virginia Department of Transportation
WQM - Water Quality Management
WSM - Water Quality Management
X - Erosion and Sediment Control
X - Erosion and Sediment Control
Y - Stormwater Management
Y - Stormwater Management
Z - Construction\nZ - Construction
STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET

SECTION IV SWPPP

1. All documents related to the SWPPP for this land disturbance (construction) activity shall be maintained with the activity site and made readily available for review upon request during normal business hours. Such documents include, but are not limited to, the project plans for (or other such documents), the Construction Details (CST), the Pollution Prevention Plan, the post-construction SWPPP Form 1 (if applicable), the VDOT Standards and Specifications, Submittals and Specifications, Special Permits and one or more such documents for this land disturbing (construction) activity where the SWPPP documents cover all the land disturbing (construction) activity are to be maintained at the activity site with the other SWPPP documents for the land disturbing (construction) activity. Where there is no construction office (e.g., a maintenance activity), the permit for pollution prevention associated with any offsite support facilities being included in the VDOT Construction Permit (or other such documents) for this land disturbing (construction) activity are to be maintained at the activity site where the SWPPP documents are to be made available for review upon request during normal business hours.

2. The SWPPP and any subsequent amendments, modifications and updates shall be maintained throughout the land disturbing (construction) activity and become a component of the VDOT RLD for this land disturbing (construction) activity. The updated/revised sheets shall be maintained with the designated record set of plans (or other such documents) for the land disturbing (construction) activity not listed herein.

3. For alternate support facilities that will be included in the VDOT Construction Permit, the SWPPP Construction Permit, or the general information sheets for those documents referenced above, special provisions and provisions that are not a part of those documents referenced above, the VDOT RLD will ensure that the information shown on the SWPPP General Information sheets is updated/revised as necessary in order to reflect changes that may occur during the construction phase of the land disturbing (construction) activity. The updated/revised sheets shall be maintained in the same manner as those documents for the land disturbing (construction) activity.

SECTION V - POLLUTION PREVENTION PLAN

1. The following non-stormwater discharges from this land disturbing (construction) activity and any similar support facilities are prohibited:
   a. Water from concrete washouts.
   b. Water from the washing and cleaning of tools, paint, from release pits, sump pumps, and other construction materials.
   c. Oil, base substances or hazardous substances from spills or other releases.
   d. Waste concrete and asphaltic concrete.
   e. Paint, varnish, or any other similar substances from spills or other releases.
   f. None of the above discharges shall cause any discharge of pollutants.

2. The following non-stormwater discharges from this land disturbing (construction) activity and any similar support facilities are prohibited:
   a. Water from concrete washouts.
   b. Water from the washing and cleaning of tools, paint, from release pits, sump pumps, and other construction materials.
   c. Oil, base substances or hazardous substances from spills or other releases.
   d. Waste concrete and asphaltic concrete.
   e. Paint, varnish, or any other similar substances from spills or other releases.
   f. None of the above discharges shall cause any discharge of pollutants.

X. THESE PLANS ARE FINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.
STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET

The VDOT (BDG) require that the information shown on the SWPPP General Information sheets is updated/revised as necessary in order to reflect changes that may occur during the construction phase of the work described in the construction activity. The updated/revised sheets will be maintained with the designated record set of plans for each such document for a stormwater prevention activity.

SECTION VI - PERMANENT BMP INFORMATION

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<th>No.</th>
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<th>Date BMP</th>
<th>Plan Panel</th>
<th>BMP Type</th>
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<th>BMP Maintenance ID Number</th>
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<th>BMP Credits Used</th>
<th>BMP Credits Remaining</th>
<th>BMP Maintenance Manual</th>
<th>BMP Inspection Manual</th>
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</thead>
</table>

Any changes to the proposed SWPPP or BMPs must be noted on the revision/control of the project, which affect the proposed construction details or otherwise affect the information shown in the SWPPP General Information Sheet. Section A must be completed and submitted for the proposed SWPPP construction details. A written report shall be submitted in accordance with the District Maintenance Division's requirements and must be received before the project is permitted. The SWPPP General Information Sheet shall be maintained with the designated record set of plans for the stormwater prevention activity.

These plans are unfinnished and unapproved and are not to be used for any type of construction or the acquisition of right of way.

Revised 5/1/19

RW PLAN
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.
Erosion & Sediment Control Phase 2

Do Not Disturb Existing Wingwall

Pipe to be Removed by Others

These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way.

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(703) 368-7373
These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way.
Z:\19096-008\00 Design (UPC#)\d000005b.dgn

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.

Rinker Design Associates, P.C. (703) 368-7373, JAN. 2020 & DEC. 2021

MIXED HARDWOOD AND PINE

THE LANDING AT MASON'S BRIDGE, LP

40+25.00' E

25.00' B

6.18' EX. SIGHT DISTANCE

4.64461 Ac.

THE LANDING AT MASON'S BRIDGE, LP

21°34'47"E

40+25.00'

43.00'

15'

2°14'49"E

54.00'

36°44'51"W

8.00'

4°27'48"W

50'

190 P

138

158 P

59-65

2022

DECEMBER 2019

Rinker Design Associates, P.C.

5/5/2022

39°01'43"E

38°15'7"

2°15"
Destination Place Profile
these plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way.
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.
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DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.

SURVEYED BY, DATE
DESIGN BY
SUBSURFACE UTILITY BY, DATE

PROJECT MANAGER
PWC DEPT. OF TRANSPORTATION: SHERRY DJOUHARIAN (703) 792-6822
RINKER DESIGN ASSOCIATES, P.C. (703) 368-7373, JAN. 2020 & DEC. 2021
ACCUMARK, INC., DECEMBER 2019

SCALE 1 IN. = 10 FT
Station 35+75.00 to Station 36+00.00

CROSS SECTIONS
SCALE 1 IN. = 10 FT

PROJECT MANAGER: PWC DEPT. OF TRANSPORTATION: SHERRY DJOUHARIAN (703) 792-6822
RINKER DESIGN ASSOCIATES, P.C. (703) 368-7373, JAN. 2020 & DEC. 2021
ACCUMARK, INC., DECEMBER 2019

Sheet No.

Surveyed by, date

Design by

Subsurface utility by, date

Scale 1 in. = 10 ft

Cross Sections
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.