Prince William County, Virginia Population 463,026 (Est. 2018 Census)

Project Location Map

Prince William County, Virginia Population 463,026 (Est. 2018 Census)

Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans.

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

Devlins Run

University Blvd

Jennell Drive

Devlin Road

Sudley Manor Dr

Wellington Road

Pike Ranch Way

Balls Ford Road

Prince William Parkway

Worthington Drive

Accumark (703) 378-0100; March 2021

RDA: Mark A. Gunn PE (703) 334-9288

VDOT: Anwar Maharmeh, P.E. (571) 316-9624

RDA: Nicholas Kougoulis LS (703) 334-9302; March 2021
**Project Index of Sheets**

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**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.
- Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans.
## Preliminary Right of Way Data

**NOTE:** All data shown here is for information and estimating purposes only. VDOT Proj. 06CD475-5601/281 is a feasibility study project by PMG and Final Acquisition Plans are required and shall be provided by a professional surveyor.

### Areas

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### Additional Easements for Utility Relocations May Be Required

### These Plans Are Unfinished and Unapproved and Are Not to Be Used for Any Type of Construction or the Acquisition of Right of Way.
ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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

**Virginia Department of Transportation, Horizontal Control**

**Control Station I.D.: 11**

- **Established By:** RDA
- **Route:** 621
- **Project Number:** 118253
- **Established By:** RDA
- **Route:** 621
- **Project Number:** 118253
- **Control Based On:** Station (Name/PID)
- **Ortho. Elevation (H):** 250.34 ft.
- **Factor:** 1.000055070 (9 Decimal Places)

**Virginia Department of Transportation, Horizontal Control**

**Control Station I.D.: 12**

- **Established By:** RDA
- **Route:** 621
- **Project Number:** 118253
- **Control Based On:** Station (Name/PID)
- **Ortho. Elevation (H):** 256.29 ft.
- **Factor:** 1.000055070 (9 Decimal Places)

**Addendum:**
- **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.**

**PH PLANS**

**ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.**
Survey Drainage Descriptions

Pipe (4) - Inaccessible Pipe, Type & Size Cannot be Determined, possibly recessed, can't remove grate, etc.

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### Construction Alignment Data

**Private Entr. 9023LT**

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**Private Entr. 8925LT**

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**Point ENTR9023102**

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**Point ENTR9023101**

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**Point RTE1705102**

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**Point RTE1705101**

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**Additional Agreements for Utility Relocations May Be Required Beyond the Proposed Right-of-Way Shown on These Plans.**

**These Plans Are Unfinished and Unapproved and Are Not to Be Used for Any Type of Construction or the Acquisition of Right of Way.**
Underground Utilities Test Hole Information

**Utility Legend**

- **Sanitary Manhole**
- **Sanitary Marker Post**
- **Sanitary Force Main Valve**
- **Sewer Clean Out**
- **Satellite Dish**
- **Sanitary Flow Arrow**
- **Post Inspection Valve**
- **Luminaire**
- **Light Pole**
- **Irrigation Valve**
- **Gas Well**
- **Gas Vent**
- **Gas Test Station**
- **Gas Stub**
- **Gas Monitoring Well**
- **Gas Marker Post**
- **Gas Manhole**
- **Gas Meter**
- **Fiber Optic Marker**
- **Fire Hydrant**
- **Electric Stub**
- **Electric Pedestal**
- **Electric Meter**
- **Electric Guy Wire**
- **Electric Guy Pole**
- **Electric Box**
- **Anchor (for towers)**

**Notes**

1. All test holes are referenced from the survey baseline unless otherwise noted.
2. Elevations shown herein are to the top of the structure unless otherwise noted.
3. Yes or no; information to be provided by the facility owner.
4. Remarks to include clearance dimension to utility owner.
5. Yes or no; no indicates no direct conflict, however, clearance may be less than acceptable to owner.
6. Remarks to include clearance dimension in both directions.
7. Yes or no; information to be provided by the facility utility engineer.

**Utility Owners**

1. Verizon
   - 703.392.1548
   - 10323 Lomond Drive
   - Manassas, VA 20109
   - Mr. James Brescia

2. Washington Gas
   - 703.354.6732
   - 5401 Peabody Street
   - Manassas, VA 20110
   - Ms. Zyma Zych

3. NOVEC Fiber
   - 703.369.9571
   - 4 County Complex Court
   - Woodbridge, VA 22195
   - Mr. Joe Zych

4. Comcast
   - 703.943.4532
   - 3399 Arthington Branch Road
   - Gainesville, VA 20155
   - Mark Siebrch

5. Miss Utility
   - 1-800-552-3120
   - Miss Utility's Telephone Numbers
   - 365 Days a Year, 24 Hours a Day

6. VDOT District Utility Engineer.

**ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.**

**THIS PLAN IS UNFINISHED AND UNAPPROVED AND IS NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.**
Temporary Traffic Control Plan

General Notes:

a) Identify the project's TMP Type.

b) Identify the work zone type.

c) Note any existing entrances, existing intersections, or existing pedestrian access points that will be affected by the construction zone.

d) Note any existing crosswalks, sidewalks, or bus stops that will be affected by the construction zone.

1. Temporary Traffic Control Plan

Identify the major types of travelers:

2. Note the hours the construction area will be active:

3. Identify the project's TMP Type:

Temporary Traffic Control Plan

4. During construction or maintenance equipment in or to stay out of the construction zone:

5. To understand the work to be done:

6. It is understood that the work to be done:

7. Note any existing entrances, existing intersections, or existing pedestrian access points that will be affected by the construction zone:

8. Note the hours the construction area will be active:

9. Identify the project's TMP Type:

Temporary Traffic Control Plan

10. Note any existing entrances, existing intersections, or existing pedestrian access points that will be affected by the construction zone:

11. Note the hours the construction area will be active:

12. Identify the project's TMP Type:

Temporary Traffic Control Plan

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ACCUMARK (703) 378-0100; March 2021

Sheet 5

Sheet 2

Sheet 3

Sheet 4

Sheet 6

Sheet 1
Temporary Traffic Control Plans

Typical Sections

PHASE 2
Posed Speed: 45 mph (Not To Scale)

PHASE 3
Posed Speed: 45 mph (Not To Scale)
Temporary Traffic Control Plans Phase I

Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans. These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right-of-way.

Control Plans Phase 1

Temporary Traffic Controller

Denotes Permanent Construction This Phase

Contractor to implement

SPR2021-00067

VAVA STATE ROUTE

Accumark (703) 378-0100; March 2021

Accumark (703) 378-0100; March 2021

Prop. R/W

Prop. R/W


Prop. P/R/W

Prop. R/W

Prop. R/W

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Denotes Temp. Pavement Construction This Phase
Denotes Perm. Pavement Construction This Phase

Phase Construction
Denotes Existing Road/Traffic Flow/Previous Match Line, Sta. 72 +00

Suggested TMP/SOC Legend
(4)

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.
Temporary Traffic Control Plans Phase I

Contractor to maintain access/exit to all entrances during all phases of construction.

Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans.

These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way.
Temporary Traffic Control Plans Phase I

Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans. These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way.
Temporary Traffic Control Plans Phase 2

Contractor to implement:

- VARPM TTC-4.0, TTC-5.0 during non-peak hours, and sequence construction per lane.
- Mill and overlay existing pavement and construct proposed roadway.

Contractor to close shoulder and close lane during non-peak hours, as necessary, to maintain traffic flow. Contractor to mill and overlay existing pavement.

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.
Temporary Traffic Control Plans Phase 2

Contractor to implement VWAPM 17T04, 17T05, 17T06, 17T09, 17T10, 17T11, 17T12 on Devlin Road (Route 621). Contractor to close lanes and lanes in sections to construct proposed roadway widening.

Contractor to close Eastbound shoulder to construct proposed roadway widening.

Contractor to implement VWAPM 4.2, 5.2, 23.2, 29.2 on Eastbound Devlin Road (Route 621). Contractor to implement

ADDITIONAL EASEMENTS FOR UTILITY RELocations MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.
Temporary Traffic Control Plans Phase 2

Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans.

These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right-of-way.
**Temporary Traffic Control Plans Phase 2**

**Easement Legend:**
- Solid line denotes permanent easement.
- Dashed line denotes temporary easement.
- Dash-dot line denotes proposed permanent easement.
- Dash-dot-dot line denotes proposed temporary easement.

**Contractor to implement:**
- WMF T1048, T7048, T1058
- on Jennell Drive (Route 1705)
- Contractor to implement 15" VWP MT-4.2, MT-5.2, MT-23.2
- Contractor to implement 18" VWP MT-5.2, MT-23.2

**Notes:**
- PH PLANS
- ADDED PER VZN RECORDS - NO CABLE OBSERVED IN HH
- 2.91667x1.91667 (ft.)

**Additional Easements for Utility Relocations May Be Required Beyond the Proposed Right-of-Way Shown on These Plans.**

**These Plans Are Unfinished and Unapproved and Are Not to Be Used for Any Type of Construction or the Acquisition of Right of Way.**
ADDITI0NAL EASEMENTS FOR UTILIT1 Y RELOCATIONS MAY BE REQUIRED BEYT0N THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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

SUPPORTED CAMPAIGN LEGEND:
- Denotes Permanent Construction This Phase
- Denotes Construction Under Traffic This Phase
- Denotes Temporary Construction This Phase
- Denotes Existing Traffic/Traffic Flow/Previous Phase Construction
- Denotes Traffic Flow

Construction Legend:
- Denotes Traffic Flow
- Denotes Proposed Temporary Easement
- Denotes Proposed Permanent Easement
ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT-OF-WAY.
Temporary Traffic Control Plans Phase 3

**Easement Legend:**
- **Dash-dot line** denotes proposed permanent easement.
- **Dash-dot-dot line** denotes proposed temporary easement.

**Contract Plans Phase 3**

**Temporary Traffic**

- **Denotes Traffic Flow Phase Construction**
- **Denotes Existing Road/Traffic Flow/Previous Phase Construction**
- **Denotes Proposed Permanent Easement**
- **Denotes Proposed Temporary Easement**

**Contractor**
- To maintain access/exit to all intersections during all phases of construction.
- To construct proposed median.
- To close inside Eastbound/Westbound lane.
- To implement necessary construction in Devlin Road (Route 621) during all phases of construction.
- To apply pavement/striping.

**State Lane North** NAD 83

**State Route**

**RDA: Nicholas Kougoulis LS (703) 334-9302; March 2021**

**Accumark (703) 378-0100; March 2021**

**NovA District**

**Temporary Traffic Control Plans Phase 3**

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT-OF-WAY.
ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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

Match Line, Sta. 12 +50, See Sheet 1M (8)
EXTRACTION COMPLETE
Erosion and Sediment Control Minimum Standards:

1. Adequate Adequacy of all channels and pipes shall be verified in the following manner:
   - All storm sewers inlets that are made operable during construction shall be
     protected in the manner described in this manual. Adequate protection or
     temporary stabilization measures shall be provided to protect inlets from
     exposures, erosion, and sedimentation.

2. During construction of the project, stockpiles and borrow areas shall be
   protected in the following manner:
   - Stockpiles and borrow areas shall be protected by adequate sediment
     control measures to minimize erosion and sedimentation.

3. Permanent vegetation cover shall be established on stockpiles or borrow
   areas to prevent erosion and sedimentation:
   - Permanent vegetation cover shall be established to prevent erosion and
     sedimentation from stockpiles and borrow areas.

4. Sediment basins and temporary storage facilities shall be designed and
   constructed to prevent erosion and sedimentation:
   - Sediment basins and temporary storage facilities shall be designed and
     constructed to prevent erosion and sedimentation.

5. Sediment basins shall be designed to prevent erosion and sedimentation:
   - Sediment basins shall be designed to prevent erosion and sedimentation.

6. Erosion and sedimentation control measures shall be provided in all
   areas that are affected by construction activities:
   - Erosion and sedimentation control measures shall be provided in all
     areas that are affected by construction activities.

7. Adequate Adequacy of all drainage basins shall be verified in the following
   manner:
   - Adequate protection or temporary stabilization measures shall be
     provided in all drainage basins.

8. Adequate Adequacy of all storm sewers shall be verified in the following
   manner:
   - Adequate protection or temporary stabilization measures shall be
     provided in all storm sewers.
Soils Identification Map
Erosion and Sediment Control Phase I

Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans. 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 Phase 2

Additional easements for utility relocations may be required behind the proposed right-of-way shown on these plans.

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

Mark A. Gunn PE (703) 334-9288

Utility Owners (See Sheet 1H)

Erosion and Sediment Control Phase 2

Match Line, Sta. 66+0

See Sheet 1W (4)

Plotted By: jbowen

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12/8/2021

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300.00 ft / ft.

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DesignAid

PLOT-Drivers

imperial

050-Plan VDOTLD Local PDF.pltcfg

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DesignAid

PLOT-Drivers

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Match Line, Sta. 66+0

See Sheet 1W (4)

Plotted By: jbowen

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12/8/2021

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Match Line, Sta. 66+0

See Sheet 1W (4)

Plotted By: jbowen

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12/8/2021

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DesignAid

PLOT-Drivers

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Match Line, Sta. 66+0

See Sheet 1W (4)

Plotted By: jbowen

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12/8/2021

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PLOT-Drivers

default_RDA_50.tbl

Match Line, Sta. 66+0

See Sheet 1W (4)

Plotted By: jbowen

7:04:19 PM

12/8/2021

V:

DesignAid

PLOT-Drivers

default_RDA_50.tbl
STORMWATER MANAGEMENT

- CLOSING AND GRADING of SWM BASIN Dams
- The area where the dam is to be constructed and the areas upstream and downstream of the dam shall be cleared and grubbed in accordance with Section 306 of the applicable VDOT Road and Bridge Specifications.

- The dam for detention basins, proposed as permanent concrete basin, shall be constructed in accordance with Section 300 of the applicable VDOT Road and Bridge Specifications. The engineer may approve a decrease in the cross slope of a proposed embankment of other than approved design on the basis of the proposed design and the structure.

- Existing drainage facilities being utilized as a part of the drainage system, it is deemed necessary to change the depth more than one foot, or the area of such excavation, such change is to be made in accordance with the instructions of the Engineer. In such cases, the Engineer shall approve the proposed change before construction is started.

- The dam for retention basins (permanent pool) shall be constructed in accordance with Section 300 of the applicable VDOT Road and Bridge Specifications. The material used for the embankment of the dam shall be DRY MATERIAL.

- The damp shall be dam design, dimensions, and the location of the embankment is to be approved by the Engineer. The dam shall be constructed on solid ground.

- The material used for the embankment of the dam shall be AASHTO PC-1 for the specified height of cover for the structure. The material used for the embankment of the dam shall meet the specifications of the applicable VDOT Road and Bridge Specifications.

- The area beneath the dam shall be constructed in accordance with Section 303 of the applicable VDOT Road and Bridge Specifications. The native material on which the dam will set shall be constructed in accordance with Section 303 of the applicable VDOT Road and Bridge Specifications.

- The native material does not meet this requirement, the area beneath the dam shall be cleared and grubbed in accordance with Section 301 of the applicable VDOT Road and Bridge Specifications.

- The area beneath the dam shall be cleared and grubbed in accordance with Section 301 of the applicable VDOT Road and Bridge Specifications.

- The material used for the embankment of the dam shall be DRY MATERIAL.

- The dam for detention basins, proposed as permanent concrete basin, shall be constructed in accordance with Section 300 of the applicable VDOT Road and Bridge Specifications.

- The dam for retention basins (permanent pool) shall be constructed in accordance with Section 300 of the applicable VDOT Road and Bridge Specifications.

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- The dam for detention basins, proposed as permanent concrete basin, shall be constructed in accordance with Section 300 of the applicable VDOT Road and Bridge Specifications.
Typical Sections

Devlin Road, Rte. 621
Super-elevated Section, 4 Lane Street with Curb & Gutter

1. Existing Pavement - Min 2.0" Mill Req'd.
2. Intermediate Course: (2.0") Asphalt Concrete Type SM-9.5A
3. Surface Course: (2.0") Asphalt Concrete Type SM-9.5D
4. Existing Pavement - Min 2.0" Mill Req'd.

Intermediate Course:
(2.0") Asphalt Concrete Type SM-9.5A
Surface Course
(2.0") Asphalt Concrete Type SM-9.5D

Additional Adjustments for Utility Relocations May Be Required Beyond the Proposed Right-of-Way Shown on These Plans.

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

PH PLANS

INSET A

Pavement Details to be Added Following Geotechnical Investigation

Typical Sections Notes:
1. Proposed grading to be performed in accordance with VDOT standards.
2. See plan sheets for detailed locations.
3. Where intermediate courses are provided in the pavement design, where existing pavement surface should be milled sufficiently to provide enough depth for the installation of the surface and intermediate courses.
4. Where intermediate courses are provided in the pavement design, where intermediate pavement may be required to accommodate the full pavement width.
5. Where the existing pavement is to be widened, see plan sheets for detailed locations.
6. Where existing shoulder areas and existing paved areas may be required to be widened, see plan sheets for detailed locations.
7. Where intermediate pavement is not provided in the pavement design, the existing pavement may be required to accommodate the full pavement width.
8. Where the proposed grade will be more than 2.0", additional adjustments may be required for the installation of the surface and intermediate courses.
9. Where existing pavement is not provided in the pavement design, the existing pavement may be required to accommodate the full pavement width.
10. Where existing pavement is not provided in the pavement design, the existing pavement may be required to accommodate the full pavement width.
11. Where existing pavement is not provided in the pavement design, the existing pavement may be required to accommodate the full pavement width.

ADDITIONAL ADJUSTMENTS FOR UTILITY RELocations MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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

PH PLANS
Typical Sections

Private & Commercial Entrances

NOTE: The design of entries I, II, III, IV shall be constructed with a variable 2° to 11° slope compared to the road surface. See VDOT Standards for private and commercial entrances. Additional information is provided in the plans.

Typical Section Notes

1. Pavement widening to be performed in accordance with VDOT Road and Bridge Specifications.
2. Existing Street cannot be modified to accommodate the new pavement section. Any modifications will require a separate proposal and review.
3. Existing Street cannot be modified to accommodate the new pavement section. Any modifications will require a separate proposal and review.
4. When liquid asphalt is used as a curing material for the added layer, it shall be placed at a rate of 10 lbs./sq. yard.
5. When widening existing pavement, the pavement subgrade slope shall be designed such that the existing pavement is stable and can properly drain to a standard UD-4 subbase material.
6. When widening existing pavement, the pavement widening to be performed in accordance with VDOT St'd. WP-2 requirements, see plan sheets for detailed locations.
7. When widening existing pavement, the pavement widening to be performed in accordance with VDOT St'd. WP-2 requirements, see plan sheets for detailed locations.
8. When widening existing pavement, the pavement widening to be performed in accordance with VDOT St'd. WP-2 requirements, see plan sheets for detailed locations.
9. Concrete is encountered along edge lines of mainline concrete. Where necessary for maintenance of traffic, cover material consisting of a layer of 6" of a mixture of 0 to 3" coarse aggregate and 3 to 8" of cement stabilized course, it shall be liquid asphalt CRS-1, or 2 gal/sq. yard. Where necessary for maintenance of traffic, cover material consisting of a layer of 6" of a mixture of 0 to 3" coarse aggregate and 3 to 8" of cement stabilized course, it shall be liquid asphalt CRS-1, or 2 gal/sq. yard.
10. Intermediate pavement is required for buildup it shall be intermediate courses provided in the pavement design. Where existing pavement is below 4.0" above the existing pavement surface, the intermediate pavement shall be added to the plans indicating that the Prince William County Road Division shall be notified of the added layer.

Pavement Details

1. Existing Shoulder orthan may be subject to change as deemed necessary by the Department.
2. Additions and modifications to the existing Shoulder shall be made to ensure a smooth transition.
3. Where applicable, all new Shoulder pavement sections identified above. A note shall be added to the plans indicating that the Prince William County Road Division shall be notified of the added layer.
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11. Additions and modifications to the existing Shoulder shall be made to ensure a smooth transition.
12. Where applicable, all new Shoulder pavement sections identified above. A note shall be added to the plans indicating that the Prince William County Road Division shall be notified of the added layer.

Inset A

Pavement Details to be added following geotechnical investigation.
Geotechnical Recommendations

No geotechnical recommendations have been provided. Recommendations are to follow field investigations to determine pavement design and potential unsuitable material recommendations.
Drainage Descriptions

Table 7

<table>
<thead>
<tr>
<th>Location</th>
<th>Pipe Size</th>
<th>Joint Type</th>
<th>Cover</th>
<th>Connection</th>
<th>Features</th>
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<td>Silt-Tight Joint Type Req'd.</td>
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</table>

ADDITIONAL AGREEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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Existing Pipe Extension Details

NOTES:
- TO REMAIN EXISTING PIPE FLOW TO REMAIN EXISTING PIPE
- NEW PIPE MATCH INVERT

PROPOSED VIEW A-A
FLOW END OF EXIST. PIPE REMOVE BEVELED END OF RCP
EXISTING PIPE TO ATTACH

PROPOSED VIEW B-B
FLOW NEW PIPE

LEGEND
- EXISTING FEATURE TO BE REMOVED

NOTES:
- SHADY PATTERN INDICATES EXISTING CONDUIT TO BE REMOVED SO THAT ALL PORTIONS OF PROPOSED EXTENSION ARE IN A VERTICAL PLANE AT FACE OF EXISTING HNMR.
- SEE DRAINAGE DESIGN SHEETS OR THINK DMWR FOR PROPOSED PIPE LENGTHS.
- NEW AND EXISTING PIPES SHALL BE STRUCTURALLY CONNECTED/ALIGNED EACH OTHER PER VDOT SPECIFICATIONS.

ADDITIONAL EASEMENTS FOR UTILITY RELocations MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET

The information contained in the SWPPP General Information Sheet is intended to provide all applicable requirements of the Virginia Water Control Board's Construction General Permit (CGC) and Construction Stormwater Management Standards and Specifications (CSMSS). These guidelines provide the contractor with information required to complete the stormwater pollution prevention plan for the project.

A Stormwater Pollution Prevention Plan (SWPPP) is required for all projects for which a Virginia Water Control Board construction permit is required. The SWPPP must include all activities that may result in stormwater discharges as specified in the CGC, and must be submitted to the Virginia Water Control Board for approval prior to construction.

An implementation plan must be prepared by the owner or authorized representative of the project. The plan must be updated and maintained with all SWPPP documents for the specific activity.

The SWPPP must be submitted to the Virginia Water Control Board for approval prior to construction.

The SWPPP must be implemented and maintained with all SWPPP documents for the specific activity.

XX. The SWPPP must be submitted to the Virginia Water Control Board for approval prior to construction.

The SWPPP must be implemented and maintained with all SWPPP documents for the specific activity.
SECTION II  EROSION AND SEDIMENT CONTROL

1. The intended sequence and timing of activities that disturb soils at the site (e.g., grading, excavation, grading/shaping, and infrastructure installation) shall include practices to minimize soil disturbance in accordance with the current edition of Section 108.03 of the VDOT R&B Specifications and procedure included with the other SWPPP documents for this land disturbance (construction) activity.

2. Directions of stormwater flow and approximate slopes for the construction site shall be shown to delineate the area for which erosion and sediment control measures are to be provided and maintained.

3. Areas of disturbance and areas of the site which will be disturbed are identified in the construction plan set for other such documents for this land disturbance (construction) activity.

4. Temporary erosion and sediment control measures entered into during grading activities are identified in the construction plan set for other such documents for this land disturbance (construction) activity.

5. Locations where stabilization practices are expected to be required are identified in the construction plan set for other such documents for this land disturbance (construction) activity.

6. A description of interim and permanent stabilization practices for the site are identified in the applicable sections of the documents identified in the Note 1 of Section II.

7. A record of the dates when major grading activities occur, when construction activities temporarily stop, or permanently cease on a portion of the site, and when stabilization measures are installed shall be provided by the contractor and maintained with the record set of these plans.

8. The proposed post-construction SWMP Plan for this land disturbance (construction) activity is based on field conditions at the time of plan development and an assumed sequence of construction for the project. The SWMP Plan is based on field conditions at the release of the VDOT Prince William Residency Office and will be made available for review upon request during normal business hours.

9. The proposed post-construction SWMP Plan for this land disturbance (construction) activity is intended to provide a general plan for controlling erosion and sediment within the project limits. The ESC Plan is based on field conditions at the release of the VDOT Prince William Residency Office and will be made available for review upon request during normal business hours.

10. All engineering calculations supporting the design of erosion and sediment control measures proposed for the project shall be provided by the contractor and maintained with the other SWPPP documents for this land disturbance (construction) activity.

11. Any variance, exception or deviation approved by DEQ must be listed below and supporting documentation (e.g., variance request and DEQ approval) must be maintained with the SWPPP.

12. The name of the individual or contractor responsible for the installation and maintenance of the erosion and sediment control measures supplied by the contractor and maintained with the other SWPPP documents for this land disturbance (construction) activity is listed below.

13. Temporary earthen structures such as dikes and berms are to be stabilized immediately upon installation. Shrinkage in the earthen structures may cause temporary or permanent settling, ripples, aggregate segregation, and erosion of the earthen structures. Stabilization is required in order to maintain proper earthen structures and prevent erosion of the earthen structures.

14. Alternatives are to be constructed during the earliest stage of construction and stabilized in accordance with (i) the land disturbance (construction) activity.

15. The contractor shall be responsible for temporary construction access routes intersect a paved or a public road in order to minimize soil compaction and erosion.

16. The contractor shall ensure that all construction activities in the proximity of existing underground utilities and/or infrastructure are identified in the construction plan set for other such documents for this land disturbance (construction) activity.

17. Temporary earthen structures are to be used to provide a barrier to seasonal or permanent water bodies, as required.

18. Any variance, exception or deviation approved by DEQ must be listed below and supporting documentation (e.g., variance request and DEQ approval) must be maintained with the SWPPP.

19. Any variance, exception or deviation approved by DEQ must be listed below and supporting documentation (e.g., variance request and DEQ approval) must be maintained with the SWPPP.

ACRONYMS

ACSM - Construction Stormwater Management Plan
ATV - All Terrain Vehicle
BMP - Best Management Practice
CBPA - Chesapeake Bay Preservation Act
CBP - Chesapeake Bay Program
CDM - Construction Discharge Monitor
CDE - Construction Discharge Emitter
ESC - Erosion and Sediment Control
DEQ - Department of Environmental Quality
FRP - Flood Resistant Property
GPR - Geophysical Prospecting Report
HSI - Hydrological Study Information
I-70 - Interstate 70
I-95 - Interstate 95
JPD - Joint Plant District
MMP - Maintenance of Movables Plan
P & L - Plan and Profile
P&L - Plan and Profile
PL - Plan
PM - Plan
PS - Plan
R&B - Road and Bridge
RDI - Rainfall Data Information
RDA - Responsible Design Authority
S - Section
SMD - Site Management District
SSM - Stormwater Management
SWM - Stormwater Management Plan
WCSM - Water Control Structures Map
VDOT - Virginia Department of Transportation
MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY.
### Demolition Summary

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<th>Sheet No.</th>
<th>Parcel No.</th>
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</table>

### Notes
- Additional easements for utility relocations may be required beyond the proposed right-of-way shown on these plans.
- These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way.

**RDA:** Mark A. Gunn PE (703) 334-9288
**RDA:** Nicholas Kougoulis LS (703) 334-9302; March 2021
**Accumark:** (703) 378-0100; March 2021
**Detail Sheet (RW4-1)**

**EXIST. R/W**

**Rte. 621 Sta. 66+35.00**

**Begin RW4-1 Sta. 10+11.97**

**Bottom of wall**

**Top of wall**

**EXIST. GROUND**

**(R =764.55' L =99.40')**

**USE FOR ANY TYPE OF CONSTRUCTION OR THE ACQUISITION OF RIGHT OF WAY.**

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**ADDITIONAL EASEMENTS FOR UTILITY RELocations MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.**

**REVISED**

**SCALE**

**VERT: 1":5'**

**HORIZ: 1":25'**

**SPR2021-00067**

**RDA:  Mark A. Gunn PE (703) 334-9288**

**RDA:  Nicholas Kougoulis LS (703) 334-9302; March 2021**

**Accumark (703) 378-0100; March 2021**

**PWCDOT: Anwar Maharmeh, P.E. (571) 316-9624**

**RDA, PE101, C501, PE201, 2T**

**Plotter By: bowen**

**PH PLANS**

**VA. 672**
EXISIT. R/W

BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED
BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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Verizon Highway (S19°13'25"W 71.02')

PH PLANS
150' (N 19°41'50"E 125.20')

NOVA DISTRICT
SUBSURFACE UTILITY BY, DATE

FR. 30.50'

PWCDOT: Anwar Maharmeh, P.E. (571) 316-9624

Denotes UD-4 Req'd.

Ret. Wall 2 - Sty. Fr.

Ditch 60'00 ft / ft.

10' Shared Use Path

Flagstone Walk 7')

SPR2021-00067

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Prop. R/W and Survey Boundary Info.

WE101
C501
5RW

REFERENCES (PROFETAL & SURVEY
DESCRIPTION SHEETS, ETC.)
A page from a technical drawing with annotations and text. The text includes information about surveying, plans, elevations, and drainage features. It also contains references and notes about the plans being unfinished and unapproved. Additional easements may be required beyond the proposed right-of-way shown on these plans. These plans are unfinished and unapproved and are not to be used for any type of construction or the acquisition of right of way.
CONSTRUCTION LIMITS IN CUTS

Denotes 10’ Shared Use Path

Denotes Full Depth Saw Cut Req’d.

Denotes CD-2 Req’d.

Denotes UD-3 Req’d.

Denotes CD-1 Req’d.

Denotes UD-2 Req’d.

Denotes CD-0 Req’d.

Denotes MS-3 Req’d.

Denotes MS-2 Req’d.

Denotes MS-1 Req’d.

Denotes St’d. MS-1 Req’d.

Denotes St’d. MS-2 Req’d.

Denotes St’d. MS-3 Req’d.

Denotes St’d. MS-4 Req’d.

Denotes St’d. MS-5 Req’d.

Denotes St’d. MS-6 Req’d.

Denotes St’d. MS-7 Req’d.

Denotes St’d. MS-8 Req’d.

Denotes St’d. MS-9 Req’d.

Denotes St’d. MS-10 Req’d.

Denotes St’d. MS-11 Req’d.

Denotes St’d. MS-12 Req’d.

Denotes St’d. MS-13 Req’d.

Denotes St’d. MS-14 Req’d.

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Denotes St’d. MS-17 Req’d.

Denotes St’d. MS-18 Req’d.

Denotes St’d. MS-19 Req’d.

Denotes St’d. MS-20 Req’d.

Denotes St’d. MS-21 Req’d.

Denotes St’d. MS-22 Req’d.

Denotes St’d. MS-23 Req’d.

Denotes St’d. MS-24 Req’d.

Denotes St’d. MS-25 Req’d.

Denotes St’d. MS-26 Req’d.

Denotes St’d. MS-27 Req’d.

Denotes St’d. MS-28 Req’d.

Denotes St’d. MS-29 Req’d.

Denotes St’d. MS-30Req’d.

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Denotes St’d. MS-47Req’d.

Denotes St’d. MS-48Req’d.

Denotes St’d. MS-49Req’d.

Denotes St’d. MS-50Req’d.

Denotes St’d. MS-51Req’d.

Denotes St’d. MS-52Req’d.
For Owner Info)

See Sht. 1F(4)

540
539
571
570

R /W per D.B. 388 PG. 528

(N 61°30'00"W 105.92')

(S 13°42'50"W 103.42')

(N 61°30'00"W 532.31')

(S 24°21'26"W 100.00')

(N 28°30'00"E 177.00')

(N 65°38'34"W 540.76')

(S 28°30'00"W 558.70')

(S 61°30'00"E 559.00')

(S 28°30'00"W 559.00')

(S 65°29'27"E)

(Instr. #2 015 06080045 291)

 Exist. Access Road

Approx. Loc. (Instr. #2 015 06080045 291)

Exist. Storm Water Management Area

Approx. Loc. (Instr. #2 015 06080045 291)

Exist. Flood Hazard Area

Approx. Loc. (Instr. #2 015 06080045 291)

Exist. Permanent Conservation Area

Approx. Loc. (Instr. #2 015 06080045 291)

Exist. San. Sew. Area

Approx. Loc. (Instr. #2 015 06080045 291)

REFERENCES (PROFILES, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.)

Plan Sheet

Right of Way Data Sheet
Pavement Marking Plan

Pavement Marking Legend:

A. Type B, Class I, White, 24" Width, @ 45°, @ 20' Spacing
B. Type B, Class I, Yellow, 4" Width, Double Line, @ 20' Spacing
C. Type B, Class I, White, 4" Width
D. Type B, Class I, White, Turn Lane Use Arrow
E. Type B, Class I, White, 4" Width, 2' Long, @ 20' Spacing
F. Type B, Class I, Yellow, 4" Width, Double Line, @ 20' Spacing
G. Type B, Class I, White, Turn Lane Use Arrow
H. Type B, Class I, White, 4" Width, @ 45°, @ 20' Spacing
I. Type B, Class I, White, 24" Width, @ 45°, @ 20' Spacing
J. Type B, Class I, White, 4" Width, Double Line, @ 20' Spacing
K. Type B, Class I, White, Turn Lane Use Arrow
L. Type B, Class I, White, 4" Width

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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

PH PLANS

NOTE: Evaluation of any existing condition that does not reflect the pavement marking plan as shown on this sheet, shall be completely eradicated per VDOT Standards.

NOTICE: Elimination of any existing condition that does not reflect the pavement marking plan as shown on this sheet, shall be completely eradicated per VDOT Standards.
No existing/proposed pavement markings on this sheet.
**General Notes - Signing**

1. Unless otherwise approved by the Engineer, all signs are to be located in accordance with the Project Signing Management Plan and must be approved by the Engineer.

2. Proposed signs and sign structures shall not impact underground existing utilities. Contractor is responsible for ensuring that all existing underground utilities are surveyed and marked prior to installation of the sign structures. Proposed sign structures shall not cause impact to existing Utility Service, and shall be reviewed and approved by the Engineer.

3. The Contractor shall coordinate with VDOT to ensure the sign structures do not cause impact to existing Utility Service, and all proposed sign structures shall be reviewed and approved by the Engineer.

4. All underground and overhead utilities shown on these plans are approximate only and may not be complete. The Contractor shall coordinate with VDOT to ensure all existing underground utilities are surveyed and marked prior to the start of any work.

5. The removal or modification of existing sign panels, structures, or foundations shall conform to Section 510 of the VDOT Road and Bridge Specifications.

6. The removal or modification of existing sign panels, structures, or foundations shall conform to Section 510 of the VDOT Road and Bridge Specifications.

7. The Contractor shall notify the Engineer immediately if any underground utilities are exposed during the construction of the proposed sign structures.

8. The Contractor shall coordinate with VDOT to ensure the sign structures do not impact any underground utilities.

9. The Contractor shall coordinate with VDOT to ensure the sign structures do not impact any underground utilities.

**Index of Sheets**

- Sheet 1: Signing Plan General Notes, Legend, and Index of Sheets
- Sheet 2: Permanent Signing Schedule
- Sheet 3: Sign Panel Details
- Sheet 4: Signing Plan
### Permanent Signing Schedule

<table>
<thead>
<tr>
<th>TEXT NO.</th>
<th>TEXT</th>
<th>SIGN</th>
<th>SIGN NO.</th>
<th>PANEL SIZE</th>
<th>SQ.FT.</th>
<th>SQ.FT. EA.</th>
<th>REMARKS</th>
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<tr>
<td>01</td>
<td>&quot;STP-1 24 X 48 GA. Single Post&quot;</td>
<td>401</td>
<td>24 X 48</td>
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<td>42</td>
<td>25.67</td>
<td>See Steel (2X4) for sign fabrication details. Type B Foundation Req'd.</td>
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<td>42</td>
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<td>25.67</td>
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<td>See Steel (2X4) for sign fabrication details. Type B Foundation Req'd.</td>
</tr>
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**NOT TO SCALE**

**PH PLANS**
Sign Panel Details

Letter locations are panel edge to lower left corner

ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED BEYOND THE PROPOSED RIGHT-OF-WAY SHOWN ON THESE PLANS.

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NOVA DISTRICT

12/8/2021

SUBSURFACE UTILITY BY, DATE

RDA: Nicholas Kougoulis LS (703) 334-9302; March 2021

Accumark (703) 378-0100; March 2021

Plotted By: jbowen

11(2A)

11(2A)

PH PLANS
Sign Panel Details

NOT TO SCALE

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Notes: This sign is intended to be double sided and shall be installed as such with appropriate sign assemblies and ground support based on County for approval prior to ordering of materials.

Note: This sign is intended to be double sided and shall be installed as such with appropriate sign assemblies and ground support based on County for approval prior to ordering of materials.

Letter locations are panel edge to lower left corner.

Letter locations are panel edge to lower left corner.
**Signage Plan**

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REFERENCES

PROFIL, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.

V:

Design aid PLOT-Drivers default RDA_50.tbl

2.91667x1.91667 (ft.)

V:

Design aid PLOT-Drivers imperial 050-Plan VDOT LD Local PDF.pltcfg

300.00 ft / ft.

Plotted By: jbowen

7:12:30 PM

12/8/2021

MATCH LINE, STA. 12 +50
SEE SHEET 11(8D)

SCALE 1(8D)

REFERENCE

PH PLANS

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Devlin Road

CROSS SECTIONS

SCALE 1 IN. = 10 FT

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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Devlin Road

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Devlin Road

880550

REVISED STATE ROUTE PROJECT

SCALE 1 IN. = 10 FT

PROJECT MANAGER

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

Station 68+00.00 To Station 68+50.00

VE PLANS

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Devlin Road

Surveyed by, Date
Design by
Subsurface Utility by, Date

Project
Sheet No.
Scale 1 in. = 10 ft

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Cross Sections

Station 69+50.00 to Station 70+00.00

Begin Potential Noise Wall "E1"

End Potential Noise Wall "E1"
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Devlin Road

Surveyed by: Date

Design by: 

Subsurface Utility by: Date

Scale 1 in. = 10 ft

Cross Sections

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

Station 72+50.00 to Station 73+00.00

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Devlin Road

Surveyed by, Date
Design by
Subsurface utility by, Date

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Devlin Road

SCALE 1 IN. = 10 FT

CROSS SECTIONS

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Station 80+75.00 To Station 81+25.00

WARNING: THE DRAWING SHEET IS PART OF A COMPLETE SET OF PLANS AND SHEETS AND MUST BE CONSIDERED IN TOGETHER WITH ALL OTHER SHEETS IN THE SET.

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Surveyed by, Date

Design by

Subsurface Utility by, Date

Scale 1 in. = 10 ft

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Devlin Road

SURVEYED BY, DATE
DESIGN BY
SUBSURFACE UTILITY BY, DATE

REVISED STATE ROUTE PROJECT SHEET NO. PROJECT MANAGER

SCALE 1 IN. = 10 FT

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Station 87+50.00 To Station 88+00.00

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Devlin Road

SURVEYED BY, DATE

DESIGN BY

SUBSURFACE UTILITY BY, DATE

12/9/2021 2:21:14 PM

CROSS SECTIONS

scale 1 in. = 10 ft

PROJECT MANAGER

WWW

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

Scale 1 in. = 10 ft

Devlin Road

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CROSS SECTIONS

Jennell Drive

Station 12+25.00 to Station 12+75.00

VE PLANS

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Jennell Drive

Station 15+25.00 to Station 15+75.00
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