Proposed Van Buren Road

Location Map
Prince William County, VA

Surveyed By: Quantum Spatial - (703) 471-4510, 11/20

Designed By: Dewberry Engineers Inc. - (703) 208-1757

Subsurface Utility By: SAM, LLC - (703) 361-6005, 03/21

Project Design Manager: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622

Prince William County, VA

Notes:
- This map is for informational purposes only.
- Proposals and changes to the map may be subject to changes by the Department.
- This map is not a legal document and may not be used for legal purposes.

Plotted By: cjennings
9:52:01 AM
9/8/2023
# INDEX OF SHEETS

## 1. General Notes
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- **2A**: Profile - Van Buren Road - Shl. 480-00/20 Thr. Shl. 540-00/20
- **2A**: Profile - Van Buren Road - Shl. 540-00/20 Thr. Shl. 600-00/20
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- **301**: Storm drainage
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- **301**: Storm drain and runoff profile
- **301**: Storm drain and runoff profiles

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- **401**: Erosion and sediment control
- **401**: Erosion and sediment control
- **401**: Erosion and sediment control
- **401**: Erosion and sediment control
- **401**: Erosion and sediment control

## 5. SWPPP Sheets
- **501**: SWPPP sheets
- **501**: SWPPP sheets
- **501**: SWPPP sheets
- **501**: SWPPP sheets
- **501**: SWPPP sheets

## 6. Transportation Management Plan
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- **601**: Temporary traffic control plan - Stage 1

## 7. Location Map Sheet
- **701**: Location map sheet
- **701**: Location map sheet
- **701**: Location map sheet
- **701**: Location map sheet
- **701**: Location map sheet

## 8. Title Sheet
- **801**: Title sheet
- **801**: Title sheet
- **801**: Title sheet
- **801**: Title sheet
- **801**: Title sheet
# Right of Way Data

## Preliminary Right-of-Way Tabulations – To Be Refined During Final Design

### Problem

**Problem No.**

**Landowner**

**Report No.**

**Acres**

<table>
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<tr>
<th>Plot No.</th>
<th>Reference</th>
<th>Max. Acres</th>
<th>Total Acres</th>
<th>Total Rights</th>
<th>Fee Remaining</th>
<th>Permanent</th>
<th>Utility</th>
<th>Temporary (Erected)</th>
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**Additional Easements for Utility Relocations**

- **Yes** / **No**

---

**Rights-of-Way**

- **Sidewalk
gutter**
- **Street
gutter**
- **Paved
gutter**
- **Paved
curb
gutter**
- **Utility**
- **Easement**
- **Temporary (Erected)**
- **Profilers**

---

**Notes:**

- *Note details about the right-of-way data.*
- *Include any additional information or references.*
SURVEY ALIGNMENT DATA

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PROJ: 627

SCALE: 1" = 300'
### Survey Alignment Data

**Point Name**

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**Scale:** 1" = 300'
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<th>Delta</th>
<th>Degree</th>
<th>Radius</th>
<th>Tangent</th>
<th>Length</th>
<th>E</th>
<th>N</th>
<th>Width</th>
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**Notes:**
- VNB-04 is a curve in the alignment data.
- The table provides details such as Delta, Degree, Radius, Tangent, Length, and Width.
- The diagram shows the alignment of the road with reference to Van Buren Road.
- The project is designed by Dewberry Engineers Inc. and surveyed by Quantum Spatial.
- The construction alignment data is subject to change as deemed necessary by the department.
<table>
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<th>Radius (Ft.)</th>
<th>Tangent Length (Ft.)</th>
<th>E (ft)</th>
<th>x (ft)</th>
<th>Back Tangent Length (Ft.)</th>
<th>Alignment</th>
<th>Turning</th>
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### Notes
- This construction alignment data sheet is necessary by the Department and may be subject to change as deemed prudent by the Department.
- This survey was plotted by: cjennings on 9/8/2023.

### Design Features
- Conceived by: Sam, LLC - (703) 361-6005, 3/21
- Designed by: Dewberry Engineers Inc. - (703) 208-1757
- Surveyed by: Quantum Spatial - (703) 471-4510, 11/20
- Project Design Manager: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622

### Scale and Units
- Scale: 100' 200'
- Units: Foot (Ft.)
<table>
<thead>
<tr>
<th>Curve No.</th>
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<th>Length</th>
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<th>F</th>
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<td>18° 07' 08.54&quot;</td>
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<td>N 41° 20' 54.46&quot; E</td>
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### CONSTRUCTION ALIGNMENT DATA

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<th>Curve No.</th>
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<th>Curve</th>
<th>Degree</th>
<th>Radius (Ft.)</th>
<th>Tangent Length (Ft.)</th>
<th>E (Ft./Ft.)</th>
<th>V</th>
<th>Delta</th>
<th>Degree</th>
<th>Location</th>
<th>Curve</th>
<th>Degree</th>
<th>Radius (Ft.)</th>
<th>Tangent Length (Ft.)</th>
<th>E (Ft./Ft.)</th>
<th>V</th>
<th>Delta</th>
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<td>82° 46' 10.94&quot;</td>
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<td>(Lt.)</td>
<td>82° 46' 10.94&quot;</td>
<td>5° 54' 24.41&quot;</td>
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<td>1045.79</td>
<td>(Lt.)</td>
<td>82° 46' 10.94&quot;</td>
<td>5° 54' 24.41&quot;</td>
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<td>(Rt.)</td>
<td>24° 47' 08.64&quot;</td>
<td>6° 03' 23.89&quot;</td>
<td>30° 07' 13.10&quot;</td>
<td>1040.73</td>
<td>(Rt.)</td>
<td>24° 47' 08.64&quot;</td>
<td>6° 03' 23.89&quot;</td>
<td>30° 07' 13.10&quot;</td>
<td>1040.73</td>
<td>(Rt.)</td>
<td>24° 47' 08.64&quot;</td>
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**Notes:**
- Construction features relating to construction may be subject to change as deemed necessary by the Department.
CONSTRUCTION ALIGNMENT DATA

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<th>E (FT/Ft)</th>
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End Van Buren Rd, Rte. 6271
Sta. 260+50.22
N = E09°20'49.38" E
E = N82°41'38.50"
GENERAL NOTES

STORMWATER MANAGEMENT

1. CLEARING AND grubbing of Silt Baffle CIP - The area where the Silt Baffle CIP is to be constructed and the area upgradient of the CIP is to be grubbed to a minimum depth of 12" as required by the plans and specifications. The minimum clear space required around the Silt Baffle CIP is specified in Section 302 of the applicable VDOT and Bridge Specifications.

2. SWIM BASKET CONSTRUCTION - The don basket construction shall be performed in accordance with Section 303 of the applicable VDOT and Bridge Specifications.

MAINTENANCE OF TRAFFIC/SEQUENCE OF CONSTRUCTION

NOT INCORPORATED WITH THE 30% CONCEPT DESIGN SUBMISSION

See the General Specification for additional information relating to maintenance of traffic. See sheets G-1 to G-3 for Maintenance of Traffic and Sequence of Construction.

EROSION AND SEDIMENT CONTROL (ESC)

SCHEMATIC DESIGN DENOES A LOCATION OF THE ESC SITES WITHIN THE PROJECT LIMITS.

OST WITH THE 30% CONCEPT DESIGN SUBMISSION

The removal of each Drain Silt Dam is specified by the plans or required specifications. The location of each Drain Silt Dam shall be in accordance with Section 302 of the applicable VDOT and Bridge Specifications.

SEQUENCE OF CONSTRUCTION

MAY BE SUBJECT TO CHANGE AS DEEMED

DESIGN FEATURES RELATING TO CONSTRUCTION

ROUTE XXXX-XXX-XXX

P101

VA.

XXX-XXX-XXX

PUBLIC ROADWAY

GENERAL NOTES

MEASUREMENTS OF ALL PIPE ELEVATIONS ARE MEASURED RELATIVE TO THE CENTERLINE OF THE ROADWAY.

GENERAL NOTES

MEASUREMENTS OF ALL PIPE ELEVATIONS ARE MEASURED RELATIVE TO THE CENTERLINE OF THE ROADWAY.
ROADSIDE DEVELOPMENT

**MOX MIX**

<table>
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<th>DESCRIPTION</th>
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<td>1</td>
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<td>2</td>
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<td>3</td>
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<td>200</td>
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<td>4</td>
<td>Certified Kentucky Bluegrass</td>
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<td>5</td>
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**ADDITIVES**

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<td>B</td>
<td>100% Barley, Winter Rye</td>
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</tr>
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<td>C</td>
<td>100% Foxtail Millet</td>
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</tr>
<tr>
<td>D</td>
<td>100% Annual Ryegrass</td>
<td></td>
</tr>
<tr>
<td>E</td>
<td>100% Crowvetch Legume</td>
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</tr>
<tr>
<td>F</td>
<td>100% Field Pepper Legume</td>
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</tr>
<tr>
<td>G</td>
<td>100% Field Perennial Legume</td>
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</tr>
</tbody>
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**SEEDING SCHEDULE**

- **Spring:** April 1 - May 31
- **Summer:** June 1 - August 31
- **Fall & Winter:** September 1 - November 30

**NOTES:**
- **Approximately 260 acres** will be seeded on this project, which will require the establishment of grasses and legumes.
- **Notes:** Notes for field use only.

**MIX REQUIREMENTS THIS PROJECT**

- **Notes:**
  - All seed must be in conformance with VDOT seed specifications for grasses and legumes.
  - All seed must be provided at the project site in bags not opened and labeled for use on VDOT projects with a green tag certifying inspection by the Virginia Crop Improvement Association.
  - All seed shall be placed at a rate of 2,000 lbs. per acre at the time of seeding.

**SEEDING SCHEDULE**

- **Spring:** April 1 - May 31
- **Summer:** June 1 - August 31
- **Fall & Winter:** September 1 - November 30

**SEED MIXES**

- **Core Mix**
  - 100% Certified Fine Fescue
- **Additives**
  - 100% Lovegrass
  - 100% Barley, Winter Rye
  - 100% Foxtail Millet
  - 100% Annual Ryegrass
  - 100% Crowvetch Legume
  - 100% Field Pepper Legume
  - 100% Field Perennial Legume

**ADDITIVES**

- **100% Certified Tall Fescue**
- **50% Certified Tall Fescue**
- **50% Certified Kentucky Bluegrass**
- **50% Certified Kentucky Bluegrass**
- **50% Certified Kentucky Bluegrass**

**SEEDING SCHEDULE**

- **Spring:** April 1 - May 31
- **Summer:** June 1 - August 31
- **Fall & Winter:** September 1 - November 30

**NOTES:**
- **Approximately 260 acres** will be seeded on this project, which will require the establishment of grasses and legumes.
- **Notes for field use only.**

**MIX REQUIREMENTS THIS PROJECT**

- **Notes:**
  - All seed must be in conformance with VDOT seed specifications for grasses and legumes.
  - All seed must be provided at the project site in bags not opened and labeled for use on VDOT projects with a green tag certifying inspection by the Virginia Crop Improvement Association.
  - All seed shall be placed at a rate of 2,000 lbs. per acre at the time of seeding.

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BEGIN CONSTRUCTION
VAN BUREN ROAD
STA. 107+65.00
AT 0.033 FT/FT LT
FULL SUPER ELEVATION

+65.00
+70.00
FROM 0.033 FT/FT LT
205' TRANSITION
SB VAN BUREN RD.
NORMAL SECTION
+15.28

+5.00%
L = 197.86
K = 44
EL = 196.42
STA = 109+26.00
V = 40 mph
+0.50%
+0.50%
-3.56%
EL = 198.34
STA = 113+10.00
V = 40 mph
L = 247.87
K = 61

191.48
189.98
187.45
187.67
187.96
188.58
189.48
191.48
193.78
192.50
190.08
194.72
196.01
197.46
197.77
197.22
195.03
200.94
206.05
190.12
194.51
196.72
197.29
197.77
197.22
195.03
(8.00)
(8.00)
(8.00)
(8.00)
(8.00)
-(0.42)
(8.00)
(8.00)
(8.00)
(8.00)
(8.00)
(33.00)
(33.00)
(33.00)
(33.00)
(33.00)
190.91
194.37
196.56
196.11
196.63
197.51
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.
CONC. Raised Median, St'd. MS-1 with 4" Curb and Gutter, St'd. CG-7 Req'd.

4" Curb, St'd. CG-3 Req'd.

NOT USED

4' Curb Req'd.

CONC. RAISED MEDIAN, ST'D. MS-1 WITH 4" CURB AND GUTTER, ST'D. CG-7 REQ'D.

4" CURB, ST'D. CG-3 REQ'D.

NOT USED

4\' CURB REQ'D.

DESIGNED BY: Dewberry Engineers Inc. - (703) 208-1757

SURVEYED BY: Quantum Spatial - (703) 471-4510, 11/20

PROJECT DESIGN MANAGER: Mr. Mark Brewer, PE (Dewberry) - (703) 849-0622

PICTURE DRAWING

CONC. RAISED MEDIAN, ST'D. MS-1 WITH 4" CURB AND GUTTER, ST'D. CG-7 REQ'D.

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4" CURB, ST'D. CG-3 REQ'D.
<table>
<thead>
<tr>
<th>Key Legend</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Entrance, St'd.  CG-11 Req'd.</td>
<td>Entrance, St'd.  CG-11 Req'd.</td>
</tr>
<tr>
<td>Entrance Gutter,  St'd. CG-9D Req'd.</td>
<td>Entrance Gutter,  St'd. CG-9D Req'd.</td>
</tr>
<tr>
<td>Conc.  Raised Median, St'd. MS-1A (6&quot; Curb)</td>
<td>Conc.  Raised Median, St'd. MS-1A (6&quot; Curb)</td>
</tr>
<tr>
<td>Not Used</td>
<td>Not Used</td>
</tr>
<tr>
<td>Conc.  Raised Median, St'd. MS-1 with 6&quot; Curb and Gutter, St'd. CG-6 Req'd.</td>
<td>Conc.  Raised Median, St'd. MS-1 with 6&quot; Curb and Gutter, St'd. CG-6 Req'd.</td>
</tr>
<tr>
<td>XX</td>
<td>XX</td>
</tr>
<tr>
<td>59.6</td>
<td>59.6</td>
</tr>
<tr>
<td>58.8</td>
<td>58.8</td>
</tr>
</tbody>
</table>

**CONSTRUCTION OR THE ACQUISITION OF RIGHT-OF-WAY ARE APPROXIMATE ONLY AND SUBJECT TO CHANGE.**

---

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

**Construction Alignment**
- Description
- Sheet

**Bridge Plan Sheet**
- Description
- Sheet

---

**Details**
- Description
- Sheet

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**ATLANTIC FUNDING LTD**
- Description
- Sheet

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PROJECT SHEET NO. XXXX-XXX-XXX

EXIST. GROUND

NORMAL SECTION

STA = 227+97.35
EL = 105.62
K = 138
L = 310.04
V = 40 mph

STA = 222+87.35
EL = 75.50
K = 64
L = 435.48
V = 40 mph

 Match Line - Sta. 224+00 - See Sheet 11A

 Match Line - Sta. 237+00 - See Sheet 13A
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Notes:

Rip rap is not shown in the plan or elevation, but will be required for slope protection.

Wingwalls are not shown in the plan but will be required. Wingwall length will be dependent on the distance required to tie out the ends of the rip rap in front of the abutments to the finished grade.

For Construction

These plans not to be used for construction.