Profile Sheet
Sta. 212+50 to 217+00
PH PLAN

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

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


LIMITED ACCESS HIGHWAY

Rinker Design Associates: Mark Gunn PE (703) 368-7373

Rinker Design Associates, P.C. (703) 368-7373, April 2020

PWC PROJECT

SPR2019-00101

6234-076-266, VDOT PROJECT

Right of Way Services

Rinker Design Associates, P.C.

Environmental

Transportation

Civil Engineering

Surveying

Land Planning

Fax: (703) 257-5443

Phone: (703) 368-7373

Manassas, VA 20109

Suite 200

11100 Endeavor Court

Fax: (804) 612-0668

Phone: (804) 612-0665

Glen Allen, VA 23060

Suite 100

4301 Dominion Boulevard

Fax: (540) 548-4471

Phone: (540) 548-4470

Fredericksburg, VA 22407

Suite 105

927 Maple Grove Drive

Fax: (757) xxx-xxxx

Phone: (757) 390-4422

Virginia Beach, VA 23462

Suite 310

4500 Main Street

Profile Sheet

Sta. 224+00 to 228+00

Prince William Pkwy.

PH PLAN

These plans are preliminary 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.
Profile Sheet
Sta. 240.50 to 248.00
Profile Sheet
Prince William Pkwy
Sta. 248+00 to End

SCALE H= 25, V= 5

These plans are preliminary and unapproved and are not to be used for any type of construction or the acquisition of right-of-way.
Ramp 1A
Sta. 100+00 to 107+00

Profile Sheet

Extra Ground

(@ 2%)

566' Normal Crown

(@ 2% to 0%)

40' Transition

(@ 0% to -2%)

56' Transition

10 5 +6 6 .3 6

10 6 +0 6 .3 6

Prop. Grade Line

25(4A)

255_ 260_ 265_ 270_ 275_ 280_ 285_ 290_ 295_ 300_
Profile Sheet
Ramp 1A
Sta. 121+00 to 128+00
DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT.


LIMITED ACCESS HIGHWAY

Rinker Design Associates:  Mark Gunn PE (703) 368-7373
Rinker Design Associates, P.C.  (703) 368-7373, April 2020

PH PLAN

These plans are preliminary 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.
Profile Sheet
Ramp 3A
Sta. 300+00 to 307+00
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


LIMITED ACCESS HIGHWAY

Rinker Design Associates:  Mark Gunn PE (703) 368-7373

Rinker Design Associates, P.C.  (703) 368-7373, April 2020

PWC DOT: Mary Ankers (703)-792-4228
### 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

---

**Rinker Design Associates, P.C.**  
(703) 368-7373, April 2020

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**PWC PROJECT**

SPR2019-00101 6234-076-266

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**Ritch Right of Way Services**

Rinker Design Associates, P.C.

---

**Environmental**

**Transportation**

**Civil Engineering**

**Surveying**

**Land Planning**

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**Office Location**

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Fax: (703) 257-5443  
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**Roadway Engineer**

Manassas, Virginia

Rinker Design Associates, P.C.

---

**Hydraulics Engineer**

Manassas, Virginia

Rinker Design Associates, P.C.

---

**PWC DOT**: Mary Ankers (703)-792-4228

---

**NOVA DISTRICT DESIGN UNIT**

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**Profiles**

**Plan Sheet**

**Profile Sheet**

**Sta. 415-00 to End**

---

**Scale**: H=25, V=5

---

**Used for any type of construction or the acquisition of right-of-way.**

*Note: The plans are unfinished and unapproved and are not to be relied on for any type of construction or the acquisition of right-of-way.*

---

*Additional sections for utility relocation may be required beyond the proposed right-of-way shown on these plans.*
**Pavement Marking Legend**

A. Type B, Class I, White, 6" Width, 10' Length, 30' Spacing
B. Type B, Class I, White, 24" Width, 10' Length, 24' Spacing
C. Type B, Class I, White, 8" Width, 3' Long, 9' Spacing
D. Type B, Class I, White, 4" Width, 2' Long, 6' Spacing
E. Type B, Class I, White, 4" Width, 10' Long, 30' Spacing
F. Type B, Class I, White, 6" Width
G. Type B, Class I, White, 12" Width
H. Type B, Class I, White, 24" Width, 20' Spacing @ 45°
I. Type B, Class I, White, 4" Width, Double Line, 4" Spacing
J. Type B, Class I, Yellow, 4" Width
K. Type B, Class I, Yellow, 24" Width, 20' Spacing @ 45°
L. Type B, Class I, Yellow, 24" Width, 20' Spacing @ 45°
M. Type B, Class I, White, 24" Width
N. Type B, Class I, White, 24" Width, 10' Length, 24" Spacing
O. Type B, Class I, White, 24" Width, 30' Spacing
P. Type B, Class I, White, 24" Width, 20' Spacing
Q. Type B, Class I, White, 24" Width, 10' Length, 24" Spacing
R. Type B, Class I, White, 24" Width
S. Type B, Class I, White, 24" Width, 20' Spacing @ 45°

Notes:
- Any existing condition that does not reflect the pavement marking plan as shown on this sheet, any existing condition that does not reflect the pavement marking plan as shown on this sheet, any existing condition that does not reflect the pavement marking plan as shown on this sheet, any existing condition that does not reflect the pavement marking plan as shown on this sheet.

**REFERENCES**

- PROFILES, DETAIL & DRAINAGE
- SIGNAGE PLANS
- ROADWAY DESIGN PLANS
- 26 SERIES 3 THRU 24
- 27(3)
- 27(4)
- 27(4(1))
- 27(4(2))

Note:
- The cost shall be incidental to the project and shall be completely eradicated per VDOT Standards.
**Pavement Marking Legend**

- Type B/C, Class I, White, 24" Width, 20' Spacing @ 45°
- Type B/C, Class I, White, 24" Width
- Example R/W & L/A Line

**Notes:**
- All existing conditions that may be affected by the proposed work will be shown on the plans.
- The pavement marking plans shall be completed prior to construction.
- Any existing condition that does not reflect the proposed work shall be completely eradicated per VDOT standards.
- Any proposed changes to the pavement marking plan shall be made by the contractor.

**References:**
- PRODUCTION, DETAIL & DRAINAGE DESCRIPTION SHEETS, ETC.
- DESIGN SHEETS, ETC.
- ROADWAY DESIGN PLANS
- DESCRIPTION SHEETS, ETC.
- TRAFFIC ENGINEER

**Scale:** 50'
**Pavement Marking Legend**

- **Type B, Class I, White, 6" Width, 10' Long, 30' Spacing**
- **Type B, Class I, White, 24" Width, 10' Length, 24' Spacing**
- **Type B, Class I, White, 4" Width, 2' Long, 6' Spacing**
- **Type B, Class I, White, 4" Width, 10' Long, 30' Spacing**
- **Type B, Class I, Yellow, 24" Width, 20' Spacing @ 45°**
- **Type B, Class I, Yellow, 4" Width, Double Line, 4" Spacing**
- **Type B, Class I, Yellow, 4" Width**
- **Type B, Class I, Yellow, 24" Width, 20' Spacing @ 45°**
- **Type B, Class I, White, Turn Lane Use Arrow**
- **Type B, Class I, White, "Only" Pavement Marking**
- **Type B, Class I, Yellow, 4" Width, Double Line, 4" Spacing**

**Note:** The existing pavement markings that does not reflect the proposed markings plan are shown in gray. These are not to be completed by the contractor as they are not paid for in a separate bid.
Note: not paid for as a separate item. The cost shall be incidental to the project and shall be completely eradicated per VDOT standards.

Any existing condition that does not reflect the Cushing Road

Prop. R/W
**Pavement Marking Legend**

- A. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- B. Type B Class I, White, 8" Width, 3' Long, 9' Spacing
- C. Type B Class I, White, 24" Width, 20' Spacing @ 45°
- D. Type B Class I, White, 24" Width, 10' Length, 24" Spacing
- E. Type B Class I, White, 24" Width, 20' Spacing @ 45°
- F. Type B Class I, White, 24" Width, 20' Spacing @ 45°
- G. Type B Class I, White, 24" Width, 20' Spacing @ 45°
- H. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- I. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- J. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- K. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- L. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- M. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- N. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- O. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- P. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- Q. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- R. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- S. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- T. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- U. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- V. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- W. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- X. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- Y. Type B Class I, White, 4" Width, 2' Long, 6' Spacing
- Z. Type B Class I, White, 4" Width, 2' Long, 6' Spacing

Note: This marking plan does not reflect the actual existing plan. For complete details, please refer to the sheet 27(13).
Note: not paid for as a separate item. The cost shall be incidental to the project and shall be completely eradicated per VDOT Standards.

Any existing condition that does not reflect the pavement marking plan as shown on this sheet,
The Prince William Parkway (Rte. 234) interchange of Balls Ford (Rte. 621) Project has been designed to accommodate Phase 2 construction from this original right-of-way extension as shown in the plans along the Rte. 234 Construction Baseline and Route 621 Construction Baseline. The Prince William Parkway (Rte. 234) interchange of Balls Ford (Rte. 621) Project has been designed to accommodate Phase 2 construction from this original right-of-way extension as shown in the plans along the Rte. 234 Construction Baseline and Route 621 Construction Baseline.

**Subsurface Utility Owners:**
1. Dominion (703) 266-8232
2. Verizon (703) 380-6933
3. FiberLight, LLC (703) 335-8933
4. Xfinity Communications (757) 963-4531
5. BC Fast (703) 479-8383
6. Capital One (703) 980-0000
7. Google (703) 554-0645
8. AT&T (703) 382-8050
9. Washington Gas (703) 526-6000

**Legend:**
- **Prop. Roadway Luminaire LED Signage**
- **Prop. Underbridge Luminaire**
- **Prop. Decorative Luminaire**
- **Prop. Light Pole (Breakaway)**
- **Prop. Roadway Luminaire (High Watt)**
- **Prop. Control Center**
- **Prop. Light Pole Foundation (Breakaway)**
- **Prop. Underbridge Luminaire**
- **Prop. Decorative Luminaire**
- **Prop. Light Pole**

**Environmental:**
- Phone: (804) 612-0665
- Phone: (540) 548-4470
- Phone: (757) 390-4422
- Fax: (804) 612-0668
- Fax: (540) 548-4471
- Fax: (757) x x x - x x x x

**Rinkers:**
- Prop. Light Pole Foundation (Breakaway)
- Prop. Roadway Luminaire (High Watt)
- Prop. Underbridge Luminaire
- SUBSURFACE UTILITY OWNERS:
  - (703) 750-1000
  - (703) 392-1519
  - (703) 479-0305
  - (703) 335-8933
  - (703) 893-335
  - (703) 335-8933

**Surveys:**
- Prop. Decorative Luminaire
- Prop. Signal Luminaire
- AGI32 CalcPoint
- AGI32 MarkPoint
- St'd. JB-S3 Req'd.
- St'd. JB-S2 Req'd.
- St'd. JB-S1 Req'd.

**Rinkers:**
- (703) 368-7373, April 2020
- PWC DOT: Mary Ankers (703)-792-4228
**Lighting Plan**

**Lighting Legend**
- **#1**: General Lighting Conduct Bare
- **#2**: General Lighting Conduct Bare
- **#3**: General Area Where Lighting to be Placed

**References**
- Profiles, Detail, & Drainage Description Sheets, etc.
- Lighting Plan
  - Lighting Plan Sheets
  - Sheet NO.: 28(1A)
  - Sheet NO.: 28(1)
  - Sheet NO.: 28(2)
  - Sheet NO.: 28(2B)

**Notes**
- These plans are preliminary and unapproved and are not to be used for any type of construction or the acquisition of right-of-way.
- Additional information or utility relocation may be required beyond the proposed right-of-way shown on these plans.
**Lighting Plan**

- **Match Line - See Sheet 28(10)**
- **Match Line, Sta. 251+75 (Ramp 3) - See Sheet 28(10)**
- **Match Line, Sta. 302+75 (Ramp 3A) - See Sheet 28(11)**
- **Match Line, Sta. 306+50 (Ramp 3A) - See Sheet 28(18(1))**

**REFERENCES**

- **Lighting Details & Schedule**
- **Lighting General Notes**
- **Lighting Plan Legend**

**Lighting Legend**

- Denotes Lighting Conduit EC-1
- Denotes Lighting Conduit Bore
- Denotes Areas Where Lighting is Warranted

**Notes:**

- These plans are preliminary and unapproved and are not to be used for any type of construction or the acquisition of right-of-way.
- Additional information for utility relocation may be required before final design work is done on these plans.
NOTE: THIS SHEET IS FOR UNDERBRIDGE LIGHTING ONLY. FOR BALLS FORD ROAD LIGHTING, SEE SHEET 28(11).
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE
USED FOR ANY TYPE OF CONSTRUCTION OR THE MODIFICATION OF RIGHT-OF-WAY.
ADDITIONAL EASEMENTS FOR UTILITY RELOCATIONS MAY BE REQUIRED
BEFORE THE PROPOSED RIGHT-OF-WAY SHOWN IN THESE PLANS.
Preliminary Traffic Signal Plan

**Proposed Signal Signs**

- ![Signal Head Placement](image1)
- ![Pre-emption Placement](image2)

**Signal Heads**

- ![Head Placement](image3)

**Placement Diagram**

- ![Diagram](image4)

**Non-Standard Sign Details**

- ![Sign Details](image5)

**General Notes for Signals**

- ![Notes](image6)

**Final Crossings**

- ![Crossings](image7)

**Additional Easements for Utility Relocations May Be Required**

- ![Easements](image8)
NOTES:
Provide VDOT standard HR-1 handrail on top of the retaining wall except underneath the bridges.

**MSE WALL ELEVATION - ABUTMENT A**
Looking downstation

- Top of wall (Elev. 283.92)
- Closure panel behind typ.
- Paved ditch behind typ.
- Bend line typ.

- Top of wall (Elev. 282.74)
- Top of exist. ground
- Top of bench line

**MSE WALL ELEVATION - ABUTMENT B**
Looking downstation

- Top of wall (Elev. 261.33)
- Closure panel behind typ.
- Paved ditch behind typ.
- Bend line typ.

- Top of wall (Elev. 259.17)
- Top of exist. ground
- Top of bench line

PUBLIC HEARING PLANS
THESE PLANS ARE NOT COMPLETE AND ARE SUBJECT TO CHANGE