COMMONWEALTH OF VIRGINIA
PRINCE WILLIAM COUNTY
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY
ROUTE 619 IMPROVEMENTS (FULLER ROAD)
From: 0.18 Miles West of Route 1 & Joplin Rd Intersection
To: 0.23 Miles East of Route 1 & Fuller Rd Intersection

For Index of Sheets See Sheet 1B
### INDEX OF SHEETS

**PROJECT NO. 0001-076-995**  
PRINCE WILLIAM COUNTY

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**P.A.C. PLANS**  
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.
# Preliminary Right of Way Data Sheet

<table>
<thead>
<tr>
<th>Parcel No.</th>
<th>Landowner</th>
<th>Sheet No.</th>
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<tr>
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**P.A.C. Plans**

These plans are unfinished and unapproved and are not to be used for any type of construction.
SURVEY ALIGNMENT DATA SHEET

Points

Point 1
H 6,004,295.1715 E 15,645,276.3244 Sda 3002.00

Course from 1 to 2
N 30°23' 16.40" E 39,433.8939

Point 2
H 6,004,766.6035 E 15,645,723.1555 Sda 3049.95

Notes:

2. These plans are unfinished and unapproved and are not to be used for any type of construction.

P.A.C. Plans
CONSTRUCTION ALIGNMENT DATA SHEET

RA Constr. BL
Begin Constr. RA Sta.50+00.00
End Constr. RA Sta.51+57.00.00

Old Triangle Rd Conn.
Sta.13+42.00

Fuller Heights Road Constr. BL
Begin Constr.
Fuller Heights Conn.
Sta.20+04.82

PI 12+40.84 Old Triangle Rd Conn.
PI 26+94.09 Fuller Heights Rd

Old Triangle Rd Conn.
Sta.29+03.35

End Constr.
Fuller Heights Road

P.A.C. PLANS
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.
### Construction Alignment Data Sheet

#### Fuller Heights Road - Construction Baseline

<table>
<thead>
<tr>
<th>Point FRL</th>
<th>N 6,883,682.0056 E 11,816,080.1746 S</th>
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#### Point FRL description

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#### Fuller Heights Road Connection - Construction Baseline

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#### Point D01 description

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#### Point FRLRN2 - Construction Baseline

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#### Point FRLRN2 description

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### P.A.C. Plans

These plans are unfinished and unapproved and are not to be used for any type of construction.
**Temporary Traffic Control Plan General Notes**

**General Notes:**

1. **TSCP/SCC Type B Project Information**
   - Identify the project's TSCP Type.
   - This project's TSCP/SCC Type B has been designed in accordance with a Type B TSCP/SCC plan.

2. **Traffic Control Strategies**
   - The project is designed to accommodate the following traffic control strategies:
     - Variablemessage signs
     - Lane shifts
     - Detours

3. **Construction Activities**
   - The construction site is located at the intersection of State Route 133 and U.S. 101.
   - Construction activities will begin on Monday, May 15, 2023, and continue until October 31, 2023.

4. **Temporary Traffic Control**
   - To ensure the safety of all workers and motorists, temporary traffic control measures will be in place.

5. **Public Information**
   - The public is encouraged to follow the temporary traffic control plans and to use alternative routes if possible.

6. **Construction Hours**
   - Construction hours are from 7:00 AM to 6:00 PM, Monday through Friday, with the exception of weekends.

7. **Signage and Lighting**
   - All signs and lighting equipment are in accordance with the MUTCD and other relevant standards.

8. **Communications**
   - A 24-hour emergency response team is available to respond to any incidents that may arise.

9. **Public Notification**
   - The project team will provide regular updates on progress and any changes to the traffic control plans.

**Temporary Traffic Control Plan Details**

- **TSCP/SCC Type B Project Information**
- **Traffic Control Strategies**
- **Construction Activities**
- **Temporary Traffic Control**
- **Public Information**
- **Construction Hours**
- **Signage and Lighting**
- **Communications**
- **Public Notification**
MAINTENANCE OF TRAFFIC SEQUENCE OF CONSTRUCTION

Phase 1
1. Install signs and channelizing devices as shown on the plans along existing Fuller Heights Road, and Fuller Heights Conn/ Old Triangle Road.
2. Install erosion and sediment control measures as shown on the plans at appropriate times during this phase of construction.
3. Short lane closures utilizing Flag men on the east and west ends of Fuller Heights Road and on Old Triangle Road during off peak hours.
4. Demo existing sign island on north side of roundabout patch underlaying pavement to match existing surface if needed.
5. Install 89 sign across new Fuller Heights roadway alignment from 64 to 6 and up to the next plastic chain drainage lane, placement and applicable under drain from 64 through 6 and.
6. Install Precast Concrete Right Lane across the new Fuller Heights roadway alignment.
7. After Precast Concrete Right Lane is completed, construct realigned Fuller Heights Road from approach station 6771 to Fuller Road construction by others through partial round as shown on Fuller Heights Connection.
8. Install proposed traffic signal and equipment at the intersection of Fuller Heights Connection/Fuller Road.
9. Contractor shall maintain access to all private and commercial entrances at times during construction.

Phase 2
1. Install signs and channelizing devices as shown on the plans along existing Fuller Heights Road, and Fuller Heights Conn/ Old Triangle Road, install signs and traffic devices on Fuller Road and ramp.
2. Install erosion and sediment control measures as shown on the plans at appropriate times during this phase of construction.
3. Using lane closures build the new medians and left turn lane on Fuller Road to the intersection with Jeff Davis Highway.
4. Install signal heads at intersection as needed.
5. Short lane closures utilizing Flag men on the east and west ends of Fuller Heights Road and on Old Triangle Road during off peak hours.
6. Install drainage inlets, appurtenant, and applicable under drain from 64 through 6 and.
7. Build the north side of Fuller Road, Fuller Road Conn, and the remainder of the round about.
8. Contractor shall maintain access to all private and commercial entrances at times during construction.

Phase 3
1. Install signs and channelizing devices as shown on the plans along existing Fuller Heights Road, and Fuller Heights Conn/ Old Triangle Road, install signs and channelizing devices as shown on the plans for Fuller Road by others.
2. Install erosion and sediment control measures as shown on the plans at appropriate times during this phase of construction.
3. Open roundabout traffic from Fuller Road to Fuller Heights Conn, and Fuller Heights.
4. Close Fuller Heights Conn, at station 6755 and the entrance from Fuller Road by others.
5. Demo pavement on Fuller Heights Road as shown, construct the realigned curbs and gutter/stabilizer across existing Fuller Heights Road at Fuller Road from approximately station 6740 to 6755. This work and gutter/ stabilizer tie to Fuller Road by others shall match grading, slope, drainage, and existing pavement by others.
6. Add group 2 channeling devices as shown then construct sidewalk along Old Fuller Heights Road from station 6740 to Fuller Road by others, sidewalk at approach station 6740.
7. Construct all work along Old Fuller Heights Road including curbs/stabilize turn around and any new pavement.
8. Realignment/Realignment signal heads at intersection of Fuller Road and Jefferson Davis Highway as needed.
9. Open Fuller Road left turn lane to traffic.
10. Apply all remaining final wearing course, asphalt, and grading and surfacing on any roads that require completion of this job as this will be done during 3 or 4 peak hours.
11. Contractor shall maintain access to all private and commercial entrances at times during construction.

P.A.C. PLANS
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SEQUENCE OF CONSTRUCTION, MAINTENANCE OF TRAFFIC
PHASE 1

CONSTRUCTION PAVEMENT MARKING LEGEND

1. Type F. Class II White Pavement Line Marking, 4 Inch Width
2. Type F. Class I White Pavement Line Marking, 24 Inch Width
3. Type F. Class II White Pavement Line Marking, 4 Inches Width, 100 Long 32 Feet Space
4. Type F. Class II Yellow Double Pavement Line Marking, 4 Inch Width, Separated by a 4 Inch Space
5. Existing Pavement Markings
6. Graduation Of Pavement Markings In Work Zones
7. Type F. Class II Yellow Pavement Line Markings, 4 Inch Width,

LEGEND

PERMANENT CONSTRUCTION IN THIS PHASE
CONSTRUCTION BEAT PREFERENCES
GROUP COMMUNICATION DEVICES
TRAFFIC FLOW AID

P.A.C. PLANS
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SEQUENCE OF CONSTRUCTION,
MAINTENANCE OF TRAFFIC
PHASE 1

CONSTRUCTION PAVEMENT MARKING LEGEND
1. Type F, Class II White Pavement Line Marking. 6 Inches Width
2. Type F, Class II White Pavement Line Marking. 24 Inches Width
3. Type F, Class II White Pavement Line Marking. 48 Inches Width
4. Type D. Yellow Double Pavement Line Marking. 2 Inch Width. Separated By a 6 Inch Space
5. Existing Pavement Markings
6. Grading of Pavement Markings In Work Zones
7. Type F, Class II Yellow Pavement Line Marking. 4 Inches Width.

P.A.C. PLANS
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SEQUENCE OF CONSTRUCTION, MAINTENANCE OF TRAFFIC

PHASE 2

CONSTRUCTION PAINTING MARKING LEGEND

- Type F: Class III White Paint Line marking, 4 inches width
- Type F: Class III White Paint Line marking, 24 inches width
- Type F: Class III White Paint Line marking, 4 inches width
- White Paint Line marking, Separated by a 4 inch Space
- Existing Paint Line Marking
- Evaluation of Paint Line Marking in Work Zones
- Type F: Class III Yellow Paint Line marking, 4 inches width

LEGEND

- PERMANENT CONSTRUCTION IN THIS PHASE
- CONSTRUCTION BUILT PREVIOUSLY
- DESTRUCTION OF PROPERTY
- DROP SIMPLIFYING DEVICE
- TRAFFIC FLOW ARROW
- DRAINAGE DRAINAGE ITEMS

P.A.C. PLANS

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SEQUENCE OF CONSTRUCTION, MAINTENANCE OF TRAFFIC

PHASE 2

CONSTRUCTION PAINTED MARKING LEGEND:

- Type F. Class 3] White Painted Line Marking, 4 Inches Width
- Type F. Class 3] White Painted Line Marking, 24 Inches Width
- Type F. Class 3] White Painted Line Marking, 4 Inches Width, 100' Long, 50 Paint Spans
- Type F. Class 3] Yellow Double Painted Line Marking, 4 Inches Width, Separated By A 4 Inch Spaced
- Existing Painted Markings
- Gravitation of Painted Markings in Work Zones
- Type F. Class 1] Yellow Painted Line Marking, 4 Inches Width

LEGEND:

- Permanent Construction in This Phase
- Construction Built Previously
- Demolition of Pavement
- Group Channelizing Devices
- Traffic Flow Arrow
- Debris Damage Mark

P.A.C. PLANS
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SEQUENCE OF CONSTRUCTION, MAINTENANCE OF TRAFFIC

PHASE 2

CONSTRUCTION PHASES MARKING LEGEND:
1. Type F. Class 11 White Pavement Line Marking: 4 inches Width
2. Type F. Class 11 White Pavement Line Marking: 34 inches Width
3. Type F. Class 11 White Pavement Line Marking: 4 inches Width
4. Type F. Class 11 White Pavement Line Marking: 4 inches Width
5. Type F. Class 11 White Pavement Line Marking: 4 inches Width
6. Existing Pavement Markings
7. Eradication Of Pavement Markings In Work Zones
8. Type F. Class 11 Yellow Pavement Line Marking: 4 inches Width

P.A.C. PLANS

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STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET

The information contained on the SWPPP General Information sheets is intended to
comply with the requirements of the Virginia Stormwater Management Act of 2000, as
amended (Code of Virginia, Title 200). The Virginia Department of Conservation and
Recreation (VDCR) and the Virginia Department of Environmental Quality (DEQ) are
responsible for the implementation of these regulations. This SWPPP General
Information sheet is to be completed and included in the
construction plan and/or other submittals for land development activities that
involve development of land area of 1 acre or more, and for new construction.
Supporting documents must be submitted with the submittals; however, the
information contained on this SWPPP General Information sheet does not include
any such supporting documents.

This SWPPP General Information sheet is to be completed and included in the
construction plan and/or other submittals for land development activities that
involve development of land area of 1 acre or more, and for new construction.
Supporting documents must be submitted with the submittals; however, the
information contained on this SWPPP General Information sheet does not include
any such supporting documents.

X. The location of on-site waste facilities that will be covered under the VDVS
Construction Permit coverage for the land development activities is
already defined on the SWPPP General Information sheet, and the location
shall be maintained with all SWPPP documents for this land development activity.

X. X. The location of on-site waste facilities that will be covered under the VDVS
Construction Permit coverage for the land development activities is
already defined on the SWPPP General Information sheet, and the location
shall be maintained with all SWPPP documents for this land development activity.

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already defined on the SWPPP General Information sheet, and the location
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Construction Permit coverage for the land development activities is
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SECTION II EROSION AND SEDIMENT CONTROL

XII. 2. The named contractor or other responsible party shall provide for the installation and maintenance of the erosion and sediment controls for the land disturbance activity as required in Section VI.1 of the VDOT RMS Specifications and the VDOT SWMP documents for the land disturbance activity.

XIII. 1. A description and schedule of maintenance, erosion, and other measures required to prevent and control erosion and sedimentation shall be included in the construction plans.

XIV. 2. The construction contractor shall submit to the approving agency for review and approval a copy of the construction plans and specifications for the land disturbance activity.

XV. 3. The construction contractor shall submit to the approving agency for review and approval a copy of the construction plans and specifications for the land disturbance activity.

XVI. 4. A description and schedule of maintenance, erosion, and other measures required to prevent and control erosion and sedimentation shall be included in the construction plans and specifications for the land disturbance activity.

XVII. 5. The construction contractor shall submit to the approving agency for review and approval a copy of the construction plans and specifications for the land disturbance activity.

ACRONYMS

- VDOT - Virginia Department of Transportation
- SWMP - Stormwater Management Plan
- RMS - Roadside Maintenance System
- VACP - Virginia Association of Counties
- ADEP - Environmental Protection Agency
- EPA - Environmental Protection Agency
- SWDA - Statewide Waste Management Plan
- SWF - Stormwater Foundation
- SWI - Stormwater Incentives
- SWC - Stormwater Control
- SWP - Stormwater Permit
- SWT - Stormwater Treatment
- SWT - Stormwater Treatment
- SWV - Stormwater Volume
- SVT - Stormwater Treatment
- SVU - Stormwater Utility
The information contained in the SWPPP General Information sheets is intended to comply with the requirements of the Virginia’s General Permit for Discharge of Stormwater From Construction Activities (the VECPP Construction Permit) issued July 1, 1997 and VECPP’s approved AESCAD and SWMA Standards and Specifications. The SWPPP General Information sheets are to be completed and submitted in the construction plan set for other documents for land disturbance construction activities that detain or convey water greater than 2,500 square feet or areas outside the Chesapeake Bay Preservation Area or equal to or greater than 2,500 square feet in the area defined as Takoma, Virginia in the Virginia Chesapeake Bay Preservation Act.

The VECPP requires that the information sheets in 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. This updated/revised sheets shall be associated with the designated record or plan for either such document covered by the land disturbance construction activity.
**STORMWATER POLLUTION PREVENTION PLAN (SWPPP) GENERAL INFORMATION SHEET**

The SWPPP General Information sheet is intended to document the identification of the VSPP General Information Sheet (GIS) with the submission effort, the GIS title, and the GIS version number. The GIS title should be maintained with the GIS General Information Sheet (GIS) and the GIS version number should be updated with the GIS General Information Sheet (GIS) and the GIS version number.

### SECTION VI - PERMANENT BMP INFORMATION

The VSPP General Information Sheet should be completed by the LSQ. It should be referenced by number and parentheses.

### Table A: Permanent BMP Types (Erosion Control on Site (ECO) BMPs)

<table>
<thead>
<tr>
<th>BMP Type</th>
<th>BMP Description</th>
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<th>BMP Practice</th>
<th>BMP Indicator</th>
<th>BMP Type</th>
<th>BMP Notes</th>
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</table>
| Table B: Permanent BMP Types (Off-Site BMPs (OSP))

### Table C: Permanent BMP Types (BMP Planning Model)

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<th>BMP Type</th>
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### Table D: BMP Maintenance Schedule

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### Table E: BMP Inspections

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### Table F: BMP Maintenance

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### Table G: BMP Inspections

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<th>BMP Media</th>
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</thead>
</table>

### Notes:

1. Table A: Permanent BMP Types (Erosion Control on Site (ECO) BMPs)
2. Table B: Permanent BMP Types (Off-Site BMPs (OSP))
3. Table C: Permanent BMP Types (BMP Planning Model)
4. Table D: BMP Maintenance Schedule
5. Table E: BMP Inspections
6. Table F: BMP Maintenance
7. Table G: BMP Inspections

---

**Additional Notes:**

- **Table A:** Permanent BMP Types (Erosion Control on Site (ECO) BMPs)
- **Table B:** Permanent BMP Types (Off-Site BMPs (OSP))
- **Table C:** Permanent BMP Types (BMP Planning Model)
- **Table D:** BMP Maintenance Schedule
- **Table E:** BMP Inspections
- **Table F:** BMP Maintenance
- **Table G:** BMP Inspections

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**Revised 5/1/19**

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**P.A.C. PLANS**

**THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.**
EROSION AND SEDIMENT CONTROL

VEGETATIVE PRACTICES

1. **Soil Stabilization**
   - Use vegetation that is native to the area to minimize erosion. Native vegetation can withstand the local climate and soil conditions, reducing the need for maintenance and water usage.

2. **Native Plants**
   - Use native plants to stabilize the soil and promote biodiversity. Native plants are adapted to the local climate and soil conditions, reducing the need for irrigation and maintenance.

3. **Sediment Basins**
   - Construct sediment basins to trap sediment and prevent it from entering waterways. Ensure that the basins are properly designed and sized to handle the expected sediment loads.

4. **Rock Reinforcement**
   - Use rock reinforcement to prevent soil erosion on steep slopes. Ensure that the rocks are properly sized and placed to provide adequate support.

5. **Mulching**
   - Use mulching to reduce soil erosion on slope surfaces. Ensure that the mulch is properly sized and placed to provide adequate coverage.

6. **Terracing**
   - Construct terraces to reduce the slope and prevent soil erosion. Ensure that the terraces are properly designed and sized to handle the expected soil loads.

7. **Retaining Walls**
   - Use retaining walls to prevent soil erosion on steep slopes. Ensure that the walls are properly designed and sized to handle the expected soil loads.

8. **Soil Stabilization**
   - Use soil stabilization techniques to prevent soil erosion. Ensure that the techniques are properly designed and sized to handle the expected soil loads.

SITE PLAN

- **Rectangular Site**: A rectangular site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Sloping Site**: A sloping site requires careful design to prevent soil erosion. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Sandstone Site**: A sandstone site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Shale Site**: A shale site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Clay Site**: A clay site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Gravel Site**: A gravel site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Soil Site**: A soil site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Silt Site**: A silt site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Loam Site**: A loam site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Rock Site**: A rock site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Sand Site**: A sand site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Peat Site**: A peat site is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

- **Soil Type**: A soil type is ideal for this project. The site is surrounded by water bodies such as lakes, rivers, and creeks, which require careful design to minimize erosion.

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EROSION & SEDIMENT CONTROL PLAN

PHASE 2

LEGEND:

- Denotes Bypass Diversion Control, Permanent, S/N Specific Type 1, 2, 3, or 4
- Denotes Bypass Diversion Control, Temporary, S/N Specific Type 1, 2, 3, or 4
- Denotes Temporary S/S Fence, S/N 1-5, Type A or B
- Denotes Temporary Elevator Channel, S/N 1-12
- Denotes Temporary Elevator Pipe, S/N 1-9
- Denotes Rock Check Dam, Type 1 S/N 1-4
- Denotes Rock Check Dam, Type 2 S/N 1-4
- Denotes Seawall, Type 1
- Denotes Seawall, Type 2
- Denotes Seawall, Type 3
- Denotes Seawall, Type 4
- Denotes Seawall, Type 5

P.A.C. PLANS

These plans are unfinished and unapproved and are not to be used for any type of construction.
EROSION & SEDIMENT CONTROL PLAN

PHASE 2

MATCH LINE FILLER HEIGHTS CONDW-25000 - SHEET I/P4

Flow improvements by others

P.A.C. PLANS

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GENERAL NOTES

PAVEMENT

The pavement materials on the project will be paid for on the basis of the design, in accordance with the specific plot plan of the project. The asphalt concrete used for the project will be Heavy Weighted, Type 1, or Type II, or approved by the Warden Engineer.

INCIDENTS

When the project is complete, the Warden Engineer shall inspect the work and sign the final inspection report. The Warden Engineer shall also inspect the project for compliance with local and state regulations, and shall certify the project as complete.

The Warden Engineer shall be responsible for the preparation of the final inspection report. The report shall be submitted to the Warden Engineer for approval. The project shall not be considered complete until the final inspection report has been approved by the Warden Engineer.

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EROSION AND SEDIMENT CONTROL (ESC)

The project area shall be covered with topsoil and seed in accordance with the erosion control plan and the specifications. The contractor shall be responsible for the installation and maintenance of the erosion control measures.

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RADIAL OFFSET & POINT BREAKS

RADIAL OFFSETS / BULLET NOSE DATA

P.A.C. PLANS
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**UTILITY OWNERS**

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<tr>
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<td>1234 Main St, Anytown, USA</td>
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<tr>
<td>Electric</td>
<td>6789 Oak Ave, Anytown, USA</td>
<td>555-123-4568</td>
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</tbody>
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*These plans are unfinished and unapproved and are not to be used for any type of construction.*
Route 619 (Joplin Road)

Profile Grade Line Left

Profile Grade Line Right

PROPOSED GRADE

EXISTING GRADE

SPUR GRADE

EAD CONSTR JOPLIN ROAD
STABLE ROAD

EAD CONSTR JOPLIN ROAD
STABLE ROAD

P.A.C. PLANS
THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.
DRAINAGE DESCRIPTIONS

STORM SEWER PROFILES

Note:
All descriptions and tables on this page refer to the drainage system described in the text. Use caution when interpreting the diagrams and plans. The figures are not to scale and should not be used for construction purposes.
GENERAL NOTES:

These plans are incorporate unless accompanied by the Supplemental Specifications and Special Provisions included in the contract document.

Concrete in precast concrete rigid frame members shall be Class 25. Concrete in all other members shall be Class 20.

Low permeability concrete shall be used in this project.

Pedestrian testing does not apply to this project.

Corrosion resistant reinforcing steel shall conform to the carbon/ chromium listed in the special provision. The minimum yield strength shall be 60 ksi for carbon/chromium.

Footings for precast concrete rigid frame members shall be on fire retardant footing. For present concrete rigid frame members shall be designed for allowable loading pressure of 5,000 psi as required.

Concrete reinforcing steel shall conform to the present concrete rigid frame members including nonreinforced and stirrups.

P.A.C. PLANS: THESE PLANS ARE UNFINISHED AND UNAPPROVED AND ARE NOT TO BE USED FOR ANY TYPE OF CONSTRUCTION.
The subsurface information shown on the boring logs in these plans was obtained from subsurface explorations performed in connection with the project. The County has no reason to suspect that such information is not reasonably accurate or an appropriate indication of the subsurface conditions at the sites where the borings were taken. The County does not in any way warrant or guarantee that such data may be relied upon and such data are shown 'as is' as shown. The borings shown and any subsurface explorations by the County are purely interpretative and do not constitute a substitute for personal investigation and judgment by the bidder.

A subsurface exploration report has been prepared for the site and such report is for informational purposes only and shall not be considered part of the contract documents. The reports expressed represent the subsurface engineer's interpretation of the subsurface conditions found in the borings. The reports should not be considered as an adequate basis for the Contractor's purposes, the Contractor is responsible for all subsurface exploration and judgment on the project.

The Standard Penetration Test samples were obtained using the automatic SPT hammer (ATC) rather than the standard single hammer. The energy supplied to the SPT hammer unit at the point of direct impact on the hammer was 1500 ft-lbs. The samples shown on the boring logs are not corrected for the lower energy.

For boring locations, see plan on sheet No. 93.
The subsurface information shown on the boring logs in these plans was determined with reasonable care and is provided in good faith only. The County has no reason to expect that such information is correctly presented or that the subsurface conditions at the site where these logs were taken are the same as those indicated by the boring logs shown. Each such projection or belief is purely inferential and subject to errors. Further, the County does not, in any way, guarantee, either expressly or by implication, the sufficiency or the information for any purpose.

The boring logs are made available to bidders in order that they may have access to subsurface data relative to that which is possessed by the County, and are not intended as a substitute for personal investigation, interpretation and judgment by the bidder.

A geotechnical engineering report has been prepared for this project by GeoConcepts Engineering Ltd. This report is for the contractor's purposes only and shall not be considered part of the contract documents. The report is intended to represent the geotechnical engineer's interpretation of the drilling findings and shall not be used as a substitute for personal investigation, interpretation and judgment by the bidder.

The Standard Penetration Test samples were obtained using a standard penetration test (SPT) rather than the standard density sampler. The energy applied to the SPT sampler was the 60 dropping weight, and the sample obtained is deemed to have been obtained using a standard penetration test (SPT) rather than the standard density sampler. The SPT sampler was used to obtain the sample for the density test.

For boring locations, see Plan on Sheet No. 93.
SIGNING AND PAVEMENT MARKING
GENERAL NOTES AND LEGEND

INDEX OF SHEETS

Sheet No.  Sheet Description
K211 Index of Sheets, General Notes & Legends
K221 Summary of Quantities
K225 - 002B Sign Schedule
K226 Sign Details
K227 Signing & Pavement Marking Plan

STANDARD SIGN LEGEND

PLAN ITEM | PLAN SYMBOL
--- | ---
Single Post Sign Support | 
Double Post Sign Support | 
Tri-Pole Sign Support | 
Applying Design | 
G/W Continuous Sign Support | 
G/W Open Sign Support | 

SIGN CALL-OUTS

Existing Sign to Remain or to be Retained | 
Existing Sign to be Removed | 
Proposed Sign Panel | 

SIGN LABELS

Proposed Sign Assemblies | & Existed Sign Assemblies

Pavement Marking Legend

**Type**
- Type A: Class 1 Wide
- Type B: Class 1 Wide, Medium, or Narrow
- Type C: Class 2 Medium
- Type D: Class 2 Narrow
- Type E: Class 3 Narrow
- Type F: Class 4 Narrow
- Type G: Class 5 Narrow
- Type H: Class 6 Narrow
- Type I: Class 7 Narrow
- Type J: Class 8 Narrow

Traffic Control Device Plans

These plans have been submitted for approval of the Department of Transportation.
SIGNING AND PAVEMENT MARKING
SUMMARY OF QUANTITIES

TO BE INCLUDED IN THE NEXT SUBMISSION
# SIGNING AND PAVEMENT MARKING

## SIGN SCHEDULE

### PROPOSED SIGNS

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<tr>
<th>TEST NO.</th>
<th>SIGN ASSEMBLY COMPONENT</th>
<th>AREA</th>
<th>SIGN PANEL</th>
<th>LOCATION</th>
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<td>30</td>
<td>32 I</td>
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</tr>
<tr>
<td>02</td>
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<td>1</td>
</tr>
<tr>
<td>03</td>
<td>52</td>
<td>30</td>
<td>32 I</td>
<td>1</td>
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<td>1</td>
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<td>13/3/23/22</td>
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<td>32 I</td>
<td>1</td>
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</tbody>
</table>

### REMARKS

1. All signs shall be compliance as shown on the plans.
2. Sign colors combinations shall be in accordance with the FHR design.
3. This section of the project shall be fabricated using the methods described in the FHR guide and the FHR design.
4. All proposed construction shall be in accordance with the FHR guide and the FHR design.
5. For construction, all other signs shall be fabricated using the methods described in the FHR guide.

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**Traffic Control Device Plans**

**Sign Schedule**

**Sign Plans**

**Sign Manufacturing Plans**

**Traffic Control Plans**

**Traffic Control Manufacturing Plans**

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**Traffic Control Device Plans**

**Sign Schedule**

**Sign Plans**

**Sign Manufacturing Plans**

**Traffic Control Plans**

**Traffic Control Manufacturing Plans**

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**Traffic Control Device Plans**

**Sign Schedule**

**Sign Plans**

**Sign Manufacturing Plans**

**Traffic Control Plans**

**Traffic Control Manufacturing Plans**
# Sign and Pavement Marking Schedule

## Existing Signs to Be Relocated

<table>
<thead>
<tr>
<th>Plan No.</th>
<th>Sign Assembly Note</th>
<th>TVIP</th>
<th>Knife Size</th>
<th>Panel Size</th>
<th>Remarks</th>
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<tr>
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<td>SI</td>
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<td>34&quot; 54&quot;</td>
<td>TYPE A FOUNDATION</td>
</tr>
</tbody>
</table>

**NOTES:**
1. All signs shall be oriented as shown on the plans.
2. Sign colors and configurations shall be in accordance with the final sign shop and the governing sign shop or as noted in the plans.
3. All positive contract guide and speed limit signs shall utilize fabrication letter type 3-30 or 1-4 unless otherwise noted in the remarks. All other signs shall utilize fabrication letter type 1-0 or 1-0 unless otherwise noted in the remarks.
4. All black sheeting shall be non-reflective.
5. Sign structures shall be installed per the listed sign shop.
6. All STD. STR. structures to be single post unless otherwise noted.
7. If applicable, see Sheet 2D for non-standard type VA and VIA sign structure details.

* R/W Plans

**Traffic Control Device Plans**

**Sign Schedule**

**Prince William County**

**Sheet 4/30/29**
SIGNING AND PAVEMENT MARKING
SIGN DETAILS
TRAFFIC SIGNAL GENERAL NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES and the most current edition of the Commonwealth of Virginia Traffic Control Devices. All work in accordance with the MOST CURRENT EDITION OF THE VDOT AND BRIDGE SPECIFICATIONS, AND ALL SPECIAL PROVISIONS IN EFFECT AT THE TIME THE SIGNAL PLAN IS APPROVED.

2. A WORKING DRAWING PRIOR TO COMMENCING TRAFFIC SIGNAL WORK AT ANY LOCATION IN VIRGINIA IS REQUIRED. THE CONTRACTOR MUST NOTIFY THE VDOT DISTRICT NETWORKS IN WRITING WITH THE NAME, ADDRESS PHONE NUMBERS AND EMERGENCY PHONE NUMBERS FOR THE CONTRACTOR PRODUCING THE LOCATION OF THE WORK. THIS INFORMATION INCLUDES: SITE NAME, ADDRESS, PHONE NUMBERS, PROJECT NUMBER, TYPE, AND DETAILS OF CONSTRUCTION AND WORK SCHEDULE.

3. THE CONTRACTOR SHALL PROVIDE, INSTALL, AND ASSURE COMPLIANCE TO PERFORMANCE SPECIFICATIONS FOR ALL WORK PERFORMED. COMPLIANCE TO PERFORMANCE SPECIFICATIONS FOR ALL WORK PERFORMED. THE CONTRACTOR SHALL MAKE A REQUEST FOR THE VDOT DISTRICT NETWORKS IN WRITING WITH THE NAME, ADDRESS PHONE NUMBERS AND EMERGENCY PHONE NUMBERS FOR THE CONTRACTOR PRODUCING THE LOCATION OF THE WORK. THIS INFORMATION INCLUDES: SITE NAME, ADDRESS, PHONE NUMBERS, PROJECT NUMBER, TYPE, AND DETAILS OF CONSTRUCTION AND WORK SCHEDULE.

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SUMMARY OF QUANTITIES

TO BE INCLUDED IN THE NEXT SUBMISSION