

A Regular Meeting of the Westmoreland County Board of Supervisors was held Wednesday, December 9, 2024, in the public meeting room of the George D. English, Sr. Memorial Building, located at 111 Polk Street, Montross, Virginia. Those members present were Darryl E. Fisher, W. W. Hynson, Jeffrey McCormack, Timothy Trivett, and Matthew Ingram. Also present are Jim Taylor, County Administrator, Donna Cogswell, Assistant County Administrator, and Karen Foxwell, Finance Director. * County Attorney, Richard Stuart was absent from the meeting.

The Chairman welcomed Mr. Taylor and stated that the Board looks forward to taking care of the business of the County.

1. CALL TO ORDER

Chairman Fisher called the meeting to order at 6:05 p.m.

2. CONSENT AGENDA

a. Approval of/ Amendment to Board Agenda

The Chairman stated that all Board members should have received a copy of the agenda and asked if there were any additions or changes. If not, the Chairman asked for a motion to approve the agenda as presented.

Mr. Trivett asked to amend the agenda by adding action item 6a. Closed Session under Section 2.2-3711.A1 to discuss the Assistant County Administrator's performance and salary.

With no further discussion and upon Motion by Mr. Trivett, Seconded by Mr. McCormack and carried unanimously, the Board approved the agenda with the noted amendment.

b. Approval of Board Minutes

The Chairman noted that everyone should have received a copy of the minutes for the November 13, 2024 meeting. The Chairman asked if any changes needed to be made to the minutes; if not, he asked for a motion to approve.

With no further discussion, upon Motion by Mr. McCormack, Seconded by Mr. Hynson and carried unanimously, the Board approved the minutes from the November 13, 2024 meeting, as presented.

c. Approval of Accounts Payable & Payroll Register

Chairman Fisher stated that the Board received the Accounts Payable and Payroll Register and asked if there were any questions, observations or concerns. If not, Chairman Fisher asked for a motion to approve the Payroll Register and Accounts Payable as presented for November 2024.

With no further discussion, upon Motion by Mr. McCormack and Seconded by Mr. Hynson and carried unanimously with Mr. McCormack, Mr. Ingram, Mr. Hynson, Mr. Trivett, and the Chairman vote "aye". The Board approved the Accounts Payable and Payroll Register as presented for November 2024.

d. Appropriations Increase/Decrease

i. Consideration of Appropriation for Replacement of EMS Equipment

Chief Byrd was present to discuss the appropriation.

Chief Byrd stated that the appropriation request is for replacing two different mission-critical items for EMS. He stated that diagnostics is a big part of what is done in the field for heart-related calls and it helps them figure out the next steps in how to care for a patient appropriately and also where the patient should be transported. The funds are for automated CPR devices; they have a 3-1 conversion rate for manpower. If they are on a call for a cardiac arrest victim, all studies have shown that basic care is the hallmark cornerstone of being successfully discharged from the hospital from that event. They have acquired a lot of equipment from the volunteer rescue squads in various states of condition. Some devices are 15 years old or older. A week before Thanksgiving, the representative from the device company approached Chief Byrd and stated that they had a good deal for equipment to be replaced because some of our equipment would become obsolete at year end. It will be a \$150,000.00 savings for the County if the funds are approved before December 31, 2024.

Mr. Hynson thanked Chief Byrd for the good job that he always does. He stated that he wants people to plan their cost items over the course a year. He is unable to see the cost of 11 or 12 of them at one time but he asked who was in charge of checking the equipment and making sure that everything was up to date.

Chief Byrd stated that they have a logistic lieutenant who oversees all of the equipment in the field. As well as they have the equipment checked by the company that they purchase equipment from through their PM. Also the diagnostic capability is updated on all devices. It is up to the manufacturer when they are ending service life for the devices. Chief Byrd noted that they had a plan in the budget for replacing further out. He stated this appropriation is just enough to keep them going and ensure the equipment stays serviceable and accurate.

Mr. Hynson asked why the manufacturer was responsible for telling them when the equipment needed to be replaced.

Chief Byrd stated that it comes down to who the manufacturer gets the parts from and when they say they are obsolete. The manufacturer does not make all the components that go into that device, and if a device is 15 years old and they were third-party sourcing, they have no control over when the parts becomes obsolete. The equipment lasted 10-12 years and that has exceeded the life expectancy of the device. He stated they achieved that through the preventative maintenance plans they have in place within the Department.

Mr. Hynson asked if they get checked more than once a year and how many they really need.

Chief Byrd stated that the equipment is checked every day after shift change. They need, at a minimum, six (6) CPR devices and six (6) cardiac machines.

Mr. McCormack asked if the current equipment is serviceable through this budget cycle and if they would be able to get through this budget cycle

without making a decision on the purchase tonight. He noted that the County will save a lot of money if they approve the purchase now but it is a lot of money at one time.

Chief Byrd stated that the current equipment will not be serviceable through this budget cycle and it needs to be replaced.

Mr. Ingram stated that when you get a piece of equipment and the updates are not available, it is usually due to the equipment coming to the end of its lifespan. He noted that when you are dealing with that type of technology, the company dictates when it will no longer be serviceable.

Chief Byrd stated that state contract pricing is thirteen (13%) percent below retail and some quotes are eighty (80%) percent due to the short notice.

Mr. Trivett stated, "how much money can you put into someone's life?" He has seen this equipment work firsthand and EMS cannot do its job without it. Mr. Trivett stated that Chief Byrd would not be coming before the Board if it was not completely necessary.

Mr. McCormack asked where the funds would be coming out of.

Ms. Cogswell stated that the funds would come from General Fund.

With no further discussion, upon Motion by Mr. Trivett, Seconded by Mr. McCormack with Mr. Trivett, Mr. McCormack, Mr. Hynson, Mr. Ingram, and the Chairman voted "aye." The Board approved the appropriation to purchase the EMS equipment in the amount of \$332,653.02.

****Appropriation for EMS Equipment on next page****



Westmoreland EOY Quote

Quote Number: 11025419

Remit to:
Stryker Sales, LLC
21343 NETWORK PLACE
CHICAGO IL 60673-1213
USA

Version: 1

Prepared For: WESTMORELAND COUNTY
Attn:

Rep: Christian Tiller
Email: christian.tiller@stryker.com
Phone Number:
Mobile: (804) 334-6906

Quote Date: 12/04/2024

Expiration Date: 03/04/2025

Delivery Address		Sold To - Shipping		Bill To Account	
Name:	WESTMORELAND COUNTY	Name:	WESTMORELAND COUNTY	Name:	WESTMORELAND COUNTY
Account #:	20034259	Account #:	20034259	Account #:	20117226
Address:	111 POLK ST	Address:	111 POLK ST	Address:	
	MONTROSS		MONTROSS		
	Virginia 22520-2701		Virginia 22520-2701		3200 - 8208

Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	70335-000042	LP35,EN-US,MAS-SP/CO,MED-CO2,SUN-NIBP,12L,WIFI/CELL/LN/CPRIN,STD,BT	6	\$40,092.00	\$240,552.00
2.0	11335-000001	LIFEPAK FLEX Lithium-Ion Battery	6	\$850.10	\$5,100.60
3.0	41335-000001	LIFEPAK 35 AC Power Adapter Kit	6	\$1,625.25	\$9,751.50
4.0	11140-000131	AC Power Cord (North America, hospital grade)	6	\$69.74	\$418.44
5.0	11996-000093	Pediatric QUIK-COMBO RTS pacing/defibrillation/ECG Electrodes With EDGE System Technology	6	\$25.99	\$155.94
6.0	11996-000519	LNCS-II Reusable rainbow 8-wavelength Adult Sensor	6	\$515.40	\$3,092.40
7.0	11996-000520	LNCS-II Reusable rainbow 8-wavelength Pediatric Sensor	6	\$567.00	\$3,402.00
8.0	11171-000060	RD SET Disposable Sensor, Adult (20/box)	6	\$255.05	\$1,530.30
9.0	11171-000061	RD SET Disposable Sensor, Pediatric (20/box)	6	\$270.99	\$1,625.94
10.0	11160-000011	Reusable Cuff, Infant, 8-14 cm	6	\$15.94	\$95.64
11.0	11160-000013	Reusable Cuff, Pediatric, 13-20 cm	6	\$18.33	\$109.98
12.0	11160-000021	Reusable Cuff, Small, Adult, 18-26 cm	6	\$33.30	\$199.80
13.0	11160-000015	Reusable Cuff, Adult, 26-35 cm	6	\$22.31	\$133.86
14.0	11160-000017	Reusable Cuff, Large, Adult, 32-42 cm	6	\$24.71	\$148.26
15.0	11111-000041	LIFEPAK 3-wire extended precordial ECG cable	6	\$56.11	\$336.66
16.0	11335-000008	LIFEPAK 35 Storage Bag Kit	6	\$384.00	\$2,304.00

1
Stryker Medical - Accounts Receivable - accountsreceivable@stryker.com - PO BOX 93308 - Chicago, IL 60673-3308



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Email: christian.tiller@stryker.com

Phone Number:
Mobile: (804) 334-6906

Quote Date: 12/04/2024

Expiration Date: 03/04/2025

#	Product	Description	Qty	Sell Price	Total
17.0	11260-000073	Shoulder Strap	6	\$36.77	\$220.62
18.0	11330-000026	LP35 Docking Station	6	\$2,048.00	\$12,288.00
20.0	11171-000063	RD SET Disposable Sensor, Neonatal (20/box)	6	\$344.40	\$2,066.40
21.0	11335-000005	LIFEPAK Printer Kit	6	\$1,050.00	\$6,300.00
Equipment Total:					\$289,832.34

Trade In Credit:

Product	Description	Qty	Credit Ea.	Total Credit
TR-LP15V2-LP35	TRADE IN LP15 V2 FOR LP35	6	-\$5,000.00	-\$30,000.00

Price Totals:

Estimated Sales Tax (0.000%):	\$0.00
Freight/Shipping:	\$0.00
Grand Total:	\$259,832.34

Prices: In effect for 30 days

Terms: Net 30 Days



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Expiration Date: 03/04/2025

Terms and Conditions:

Deal Consummation: This is a quote and not a commitment. This quote is subject to final credit, pricing, and documentation approval. Legal documentation must be signed before your equipment can be delivered. Documentation will be provided upon completion of our review process and your selection of a payment schedule. **Confidentiality Notice:** Recipient will not disclose to any third party the terms of this quote or any other information, including any pricing or discounts, offered to be provided by Stryker to Recipient in connection with this quote, without Stryker's prior written approval, except as may be requested by law or by lawful order of any applicable government agency. A copy of Stryker Medical's terms and conditions can be found at https://techweb.stryker.com/Terms_Conditions/index.html.



Westmoreland EOY Quote

Quote Number: 11025401

Remit to: Stryker Sales, LLC
21343 NETWORK PLACE
CHICAGO IL 60673-1213
USA

Version: 1

Prepared For: WESTMORELAND COUNTY
Attn:

Rep: Christian Tiller
Email: christian.tiller@stryker.com
Phone Number:
Mobile: (804) 334-6906

Quote Date: 11/21/2024

Expiration Date: 12/27/2024

Delivery Address		Sold To - Shipping		Bill To Account	
Name:	WESTMORELAND COUNTY	Name:	WESTMORELAND COUNTY	Name:	WESTMORELAND COUNTY
Account #:	20034259	Account #:	20034259	Account #:	20117226
Address:	111 POLK ST	Address:	111 POLK ST	Address:	POBox 1000
	MONTROSS		MONTROSS		MONTROSS
	Virginia 22520-2701		Virginia 22520-2701		Virginia 22520-1000

Equipment Products:

#	Product	Description	Qty	Sell Price	Total
1.0	99576-000063	LUCAS 3, v3.1 Chest Compression System, Includes Hard Shell Case, Slim Back Plate, (2) Patient Straps, (1) Stabilization Strap, (2) Suction Cups, (1) Rechargeable Battery and Instructions for use With Each Device	6	\$16,158.48	\$96,950.88
2.0	11576-000080	LUCAS 3 Battery - Dark Grey - Rechargeable LiPo	6	\$746.46	\$4,478.76
Equipment Total:					\$101,429.64

32400 - 8208

Trade In Credit:

Product	Description	Qty	Credit Ea.	Total Credit
TIM-LUC2-LUC3	TRADE-IN-STRYKER LUCAS 2 TOWARDS PURCHASE OF LUCAS 3.1	6	-\$5,000.00	-\$30,000.00

Price Totals:

Estimated Sales Tax (0.000%):	\$0.00
Freight/Shipping:	\$1,391.04
Grand Total:	\$72,820.68



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Expiration Date: 12/27/2024

Prices: In effect for 30 days

Terms: Net 30 Days

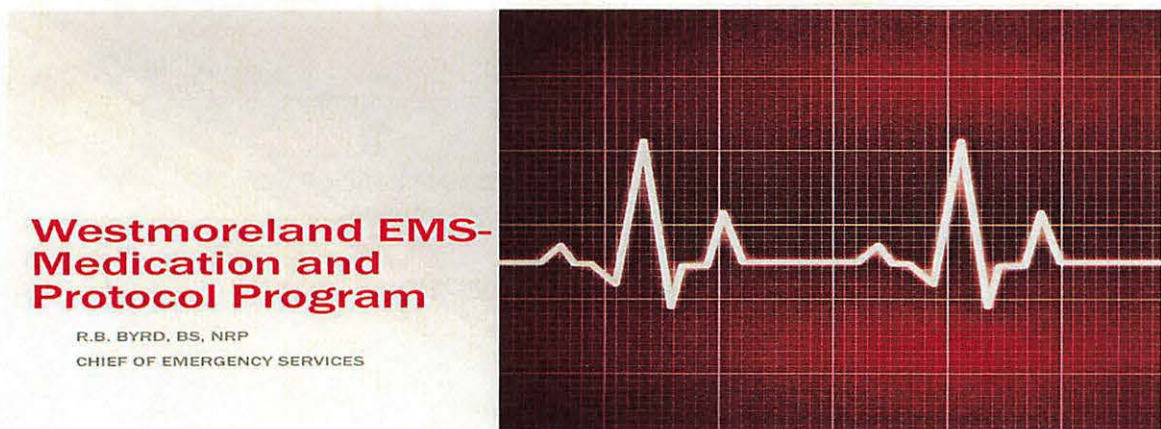
Terms and Conditions:

Deal Consummation: This is a quote and not a commitment. This quote is subject to final credit, pricing, and documentation approval. Legal documentation must be signed before your equipment can be delivered. Documentation will be provided upon completion of our review process and your selection of a payment schedule. **Confidentiality Notice:** Recipient will not disclose to any third party the terms of this quote or any other information, including any pricing or discounts, offered to be provided by Stryker to Recipient in connection with this quote, without Stryker's prior written approval, except as may be requested by law or by lawful order of any applicable government agency. A copy of Stryker Medical's terms and conditions can be found at https://techweb.stryker.com/Terms_Conditions/index.html.

3. STAFF/COMMITTEES/ORGANIZATION REPORTS AND PRESENTATIONS

a. Update on new Drug Box Protocol (Blake Byrd)

Chief Byrd presented information on the new drug box protocols. He noted that they were notified by the Office of EMS that there was a significant change coming from the FDA.



How EMS utilized medications

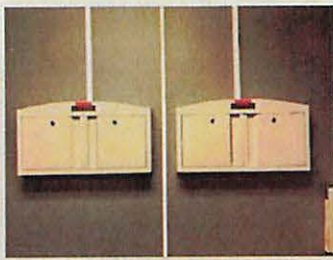
- Each advanced life support ambulance carries an ALS package that consists of medications.
- Since the inception of formalized EMS, medication kits have been maintained and provided through partnerships with regional councils and hospital pharmacies.
- These partnerships relieved a great deal of logistical work for Fire/EMS departments throughout the Commonwealth.

New FDA and DEA requirements

- In November 2023, all licensed EMS agencies were notified that the medication kit program previously administered by EMS regional councils would become obsolete by November 27, 2024.
- Westmoreland EMS had previously begun implementation at the direction of the department medical director during COVID-19.
- All requirements to maintain a pharmacy now rest on the department and include tracking, security, training, monitoring, etc.
- Due to the amount of work to be completed within the 1-year window, the project was of the utmost importance to ensure compliance and continuation of Advanced Life Support abilities.

Up fits to existing infrastructure

- Pharmacy-Main



Function of the Program

- Westmoreland EMS developed the following items related to the mandates:

- Internal medication kits
- Internal protocols



Medication kit composition



What does this mean for Westmoreland?

- All medications that are delivered to us have to be accounted for.
- All security measures must remain intact at all times.
- Westmoreland EMS monitors all inventory levels.
- All medication orders transpire within Westmoreland EMS.
- All DEA, FDA, and Virginia Board of Pharmacy requirements must be met by the new April 2025 deadline issued at the beginning of October.

Will we meet the deadline?

- At 1200 on December 9, 2024, Westmoreland EMS completed the medication compliance measures.
- On December 09, 2024, the program went live in the county.
Mission accomplished!

Patient care protocols

- Westmoreland EMS also developed specific protocols for this jurisdiction based on the new requirements.
- The guidelines that Westmoreland EMS providers currently operate under were developed based on best practices for patients requiring treatment in a rural setting.
- Previous protocols were developed based on a regional concept encompassing urban and rural settings.

A special Thank You!

- Deputy Chief Robyn Manthey-project manager



- Lieutenant Devin Basye- Medication kit composition, system development, and medication accountability



- Lieutenant Robert England- Author of Westmoreland EMS Patient Care Protocols and Procedures



A special Thank You!

- EMT Daniel Meenan-Logistical support/medication kit composition



- Dr. Lisa Dodd-operational medical director/medical advisor for patient care protocols



After Chief Byrd's presentation, he stated that, 30 minutes before the meeting they were notified that they are the first in the Northern Neck to accomplish this and they are live with this new program. Chief said we are among the first to go live in the Peninsula, and that includes 57 agencies (mostly urban city settings). He noted that they wanted to give the Board something to be proud of and this is something to be very proud of.

The Chairman stated that it is gratifying to hear a report like that and noted that sometimes it is tough and requires a lot of work when you are leading. He commended the EMS for their hard work and staying focused on the mission. He thanked Chief Byrd for everything he did, exceeded his job description, and showed tremendous triumph and leadership throughout the process. The Chairman noted the EMS is vital and Westmoreland County has an influx of population coming that are used to having very little wait time for an ambulance service to arrive, but in rural areas, it was all volunteers for a long time. Westmoreland County has made monumental steps in the right direction in the areas of first responders.

b. Employee Excellence Award (Jim Taylor)

The Chairman stated that next on the agenda is a recognition that is going to take place, and the County Administrator and Assistant County Administrator will both have a few words before the award is presented.

Mr. Taylor thanked the Chairman for the warm welcome at the beginning of the meeting. He congratulated Chief Byrd and the department for implementing the new requirements and was pleased that they were able to meet the deadline. He noted that they are one of the first in the region to accomplish this and hopes that Westmoreland County will be accustomed to being the first for those types of things moving forward. Mr. Taylor stated that they have a lot of great employees and would like to take time to pause and recognize the staff. He stated that the Employee Excellence Award is a program that helps recognize the staff for outstanding performance and for those who

go above and beyond carrying out their duties. He turned it over to Ms. Cogswell to announce the recipient of the first Employee Excellence Award.

Ms. Cogswell asked if the Chairman would like to read the Employee Excellence Award and announce who it is before she makes her comments.

**Westmoreland County Board of Supervisors
Employee Excellence Award**

This certificate is awarded to

Blake Byrd

for his outstanding performance during this time of transition. Blake has recently taken on the new role of Chief of Emergency Services and has hit the ground running. He has worked tirelessly on many important projects ensuring Westmoreland County residents are safe and the County is operating within the appropriate guidelines.

Your dedication and hard work is truly second to none and the Westmoreland County Board of Supervisors are proud to recognize your achievements.

Darry Fisher, Chairman

December 9, 2024

Date

After the Chairman read the award, He asked for a Motion to grant the Employee Excellence Award to Blake Byrd.

Upon Motion by Mr. Ingram, Seconded by Mr. Hynson, and carried unanimously, the Board approved the Employee Excellence Award to Blake Byrd.

Ms. Cogswell stated that Chief Byrd started this journey with combined responsibilities in July 2024 and hit the ground running. He not only oversees EMS but also Emergency Management. He has spent tireless hours and many meetings trying to make all processes run smoother. She stated that he is great at what he does and he is the difference maker. Ms. Cogswell then read a quote. "Chief Byrd is a difference maker. He is a dedicated person who makes a big impact even with small actions or few words, even though we all know he rarely has few words. Chief Byrd, you should be proud of the work you do, the person you are, and the difference you make." She thanked him for everything he has done and what he will continue to do.

The Chairman came to the podium and congratulated Chief Byrd on his award. The Board, Chief Byrd, and his family took a photo together.

c. VDOT(David Beale, Resident Engineer)

i. Monthly Report: David Beale, Resident Engineer, was present to discuss the monthly report.

Mr. Beale reviewed the report below. He noted that the Bridge project on 205 is under construction. They did get the coffer dams in place and dewatered. They are investigating how deep the scour is. They have some concrete to remove under the foundation before they can see everything. They are still anticipating finishing by March 1, 2025. He stated that Monroe Creek is underway, and the completion date isn't until September 2025.

**** VDOT REPORT ON NEXT PAGE****



Westmoreland County Board of Supervisors
December 2024 VDOT Report

Maintenance Activity Highlights

Completed:

- Brush cutting (Rt 637 Rappahannock Rd, Rt 634 Claymont Rd)
- Ditch cleaning (Rt 680 Salisbury Rd, Rt 610 Tucker Hill Rd, Rt 645 Crookhorn Rd)
- Erosion repair (sidewalk on Rt 622 Polk St)
- Dead animal removal
- Pothole patching (Rt 606 Bancton Rd, Rt 610 Tucker Hill Rd, Rt 711 Bushfield Rd)
- Concrete repairs (Rt 3 DI's & sidewalk in Kinsale)
- Address work orders countywide

Upcoming:

- Brush cutting (Rt 624 Grants Hill Church Rd, Rt 626 Herring Ln, Rt 626 King Copsico Ln)
- Ditch cleaning (Rt 711 Bushfield Rd)
- Grade gravel roads countywide (in progress)
- Patching potholes countywide
- Address work orders countywide

Construction Projects

SSYP:

Rt 652 Charles Way; Summer 2026 Rt 685 Ashbury Rd; Summer 2028
Rt 610 Skipjack Rd; Summer 2029

HSIP:

Rt 202 paved shoulder (Rt 3 to Nomini Creek Bridge); 2025 Construction
Rt 3 paved shoulder (County line to Oak Grove); 2025 Construction

Revenue Sharing:

Deux Rue; Summer 2024	Holly Way Ph III; Summer 2024
Hickory Ln; Summer 2025	Birch Ln; Summer 2025
Woodmount Dr; Summer 2025	Pinewood Ln; Summer 2025
Lakeview Ln; Summer 2026	Rt 610 Skipjack Rd; Summer 2029

Bridge:

UPC 123364 Rt. 205 over Branch of Rosier Creek; Scour Repair; ***Under Construction***
UPC 121539 Rt. 658 over Monroe Creek; ***Under Construction***

After Mr. Beale read the report, he asked if the Board had any questions or concerns.

Mr. Ingram thanked Mr. Beale for taking care of the brushing cutting and tree trimming on Rappahannock Road.

Mr. Trivett asked Mr. Beale if he knew when the road work would be done on 205 and what the progress was on the bridge in Westmoreland Shores.

Mr. Beale stated that it should be done by March 1, 2025. He noted that the bridge in Westmoreland Shores is underway. They are not contracted to finish it for another ten (10) months, but he thinks they will finish early.

Mr. Beale stated that they are ready if snow hits the County. They have had dry runs with the contractors today and in October. They have signed up for over 200 pieces of equipment, and a quarter of that is in Westmoreland County.

The Chairman thanked Mr. Beale and VDOT for all that they do.

d. Town of Colonial Beach

Natasha Tucker, the Town Manager, was present to discuss the events in the town.

- i. They held their tree lighting ceremony and Jeep parade this past weekend.
- ii. They will hold their last Sip n Stroll on December 13th, 2024, at 6:00 p.m.

The Chairman asked everyone to be mindful of the reason for the season beyond the gifts and dinners.

e. Town of Montross

No one was present to discuss the events of the town.

Mr. Ingram recognized the core volunteer group with Barbara Jean Jones, Allen Hickman and the other volunteers that do a lot for the Town of Montross. He stated that they

made the Christmas festivities happen and had a great turnout. They had the youth dancing school perform, various churches supplied food and Mr. Taylor was present to said a few words.

4. ACTION ITEMS

a. Appointment for Middle Peninsula Juvenile Detention Commission for the Merrimac Juvenile Detention Center.

Ms. Cogswell stated that Jim Taylor has been on the Middle Peninsula Juvenile Detention Commission for the Merrimac Juvenile Detention Center Board in Hanover and asked to be appointed as the representative of Westmoreland.

The Chairman stated that Mr. Taylor must be delighted to be taking over that role for Ms. Cogswell. Mr. Taylor agreed.

The Chairman asked for a Motion to appoint Mr. Jim. Taylor to be the representative on the Middle Peninsula Juvenile Detention Commission for the Merrimac Juvenile Detention Center Board.

With no further discussion, upon Motion by Mr. McCormack, seconded by Mr. Ingram and carried unanimously, the Board appointed Mr. Taylor to be the representative on the Middle Peninsula Juvenile Detention Commission for the Merrimac Juvenile Detention Center Board.

**** Appointment Memorandum on next page ****

DARRYL E. FISHER
ELECTION DISTRICT NO. 1
HAGUE, VIRGINIA 22469

JEFFREY A. MCCORMACK
ELECTION DISTRICT NO. 2
MONTROSS, VIRGINIA 22520

MATTHEW D. INGRAM
ELECTION DISTRICT NO. 3
MONTROSS, VIRGINIA 22520

W. W. HYNSON
ELECTION DISTRICT NO. 4
COLONIAL BEACH, VIRGINIA 22443

TIMOTHY J. TRIVETT
ELECTION DISTRICT NO. 5
COLONIAL BEACH, VIRGINIA 22443



WESTMORELAND COUNTY, VIRGINIA

Board of Supervisors

MONTROSS, VIRGINIA 22520-1000

JAMES P. TAYLOR
County Administrator
P O BOX 1000
MONTROSS, VIRGINIA 22520-1000
PHONE: 804/493-0130
FAX: 804/493-0134
[E-mail: jmtaylor@westmoreland-county.org](mailto:jmtaylor@westmoreland-county.org)
Web Page: www.westmoreland-county.org

MEMORANDUM

TO: Members, Board of Supervisors

FROM: Donna Cogswell, Assistant County Administrator *DC*

DATE: December 4, 2024

SUBJECT: Appointment

The following appointments have been placed on the agenda for the Board's December 9, 2024 meeting:

Middle Peninsula Juvenile Detention Commission for the Merrimac Juvenile Detention Center
(replacement of Donna Cogswell)

b. Consideration of Approval of Abstract Votes from the 2024 Election.

The Chairman stated that the Abstract Votes for the 2024 Election had been provided to all the Board members and asked if there was any further discussion or more information needed. If not, he asked for a Motion to approve.

There was no further discussion, upon Motion by Mr. Trivett, seconded by Mr. McCormack with Mr. McCormack, Mr. Ingram, Mr. Trivett, Mr. Hynson, and the Chairman voted "aye. "The Board approved to accept the Abstract Votes for the 2024 Election as presented.

**** Abstract Votes on the next page ****



★ VIRGINIA ★
DEPARTMENT of ELECTIONS

WRITE-INS CERTIFICATION
VA. CODE § 24.2-675

Complete this form **ONLY** if (i) the total number of write-ins is 10% or more of the total number of votes cast for the office (for a cross-jurisdictional office, the total number across all jurisdictions), **OR** (ii) a write-in candidate was elected to the office.

WESTMORELAND COUNTY 11/05/2024 General/ Special/ Primary
Localities Election Date (MM/DD/YY) (Circle Election Type(s))
Mayor 501-Colonial Beach Page 1 of 2
Office District (if applicable)

WRITE-INS – SUMMARY

	Total Votes Received (In Figures)
1. Invalid Write-Ins	51
	Enter Total Invalid
2. Valid Write-Ins	727
	Enter Total Valid
3. Total Write-Ins	778
[“Total Write-Ins” must match the “Total Write-In Votes” line on the Abstract for this office]	
	Add Lines 1 and 2

VALID WRITE-INS – DETAIL

List **valid** write-ins in alphabetical order below and on continuation pages, as needed. All **valid** write-ins when added together must equal total entered on line 2 above.

	Total Valid Votes Received (In Figures)
Aldan, Chuck	1
Brubaker, Linda	713
Chapman, Tahmika	1

Continued on pages 2 through 2

We, the undersigned Electoral Board members, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on 11 / 05 / 2024, do hereby certify that, with the continuation pages indicated, the above is a true and correct certification of the write-in votes cast at said election for the office indicated above.

Given under our hands this 19th day of November, 2024

A copy to:

B. J. Obilene, Chairman

W. J. J. J., Vice Chairman

W. J. J. J., Secretary

W. J. J. J., Acting Secretary

ELECT-675

Rev. 7/12/2018



★ VIRGINIA ★
DEPARTMENT of ELECTIONS

WRITE-INS CERTIFICATION
VA. CODE § 24.2-675

Complete this form **ONLY** if (i) the total number of write-ins is 10% or more of the total number of votes cast for the office (for a cross-jurisdictional office, the total number across all jurisdictions), **OR** (ii) a write-in candidate was elected to the office.

WESTMORELAND COUNTY
Locality
Election Date (MM/DD/YY) 11/05/2024
General Special Primary
Circle Election Type(s)
Montross Town Council
Office
District (if applicable)
Page 1 of 2

WRITE-INS – SUMMARY

	Total Votes Received (In Figures)
1. Invalid Write-Ins	11
	Enter Total Invalid
2. Valid Write-Ins	12
	Enter Total Valid
3. Total Write-Ins	23
[“Total Write-Ins” must match the “Total Write-In Votes” line on the Abstract for this office.]	
	Add Lines 1 and 2

VALID WRITE-INS – DETAIL

List valid write-ins in alphabetical order below and on continuation pages, as needed. All valid write-ins when added together must equal total entered on line 2 above.

	Total Valid Votes Received (In Figures)
Holden, Warren	1
Lewis, John	4
Nester, Michael	1

Continued on pages 2 through 2

We, the undersigned Electoral Board members, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on 11 / 05 / 2024, do hereby certify that, with the continuation pages indicated, the above is a true and correct certification of the write-in votes cast at said election for the office indicated above.

Given under our hands this 20th day of November, 2024.

A copy to:



Bryce McKeith, Chairman
W. J. F., Vice Chairman
J. A. C., Secretary
_____, Acting Secretary

ELECT-675

Rev. 7/12/2018

Cast in WESTMORELAND COUNTY, VIRGINIA
at the 2024 November General held on November 05, 2024 for,

NAMES OF CANDIDATES ON THE BALLOT	TOTAL VOTES RECEIVED (IN FIGURES)
Kamala D. Harris - Democratic	4491
Donald J. Trump - Republican	6003
Jill E. Stein - Green	26
Chase R. Oliver - Libertarian	34
Claudia De la Cruz - Independent	13
Cornel R. West - Independent	14
Total Write-In votes	26
[Valid Write-Ins + Invalid Write-Ins = Total Write-In Votes]	
Total Number of Overvotes for Office	24

We, the undersigned Electoral Board, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on November 05, 2024, do hereby certify that the above is a true and correct Abstract of Votes cast at said election for the President and Vice President.

Given under our hands this 13th day of November, 2024

Bry M. Hunt, Chairman

W.H., Vice Chairman

, Secretary/Acting

Ka, Secretary (Certified Copy)

ABSTRACT of VOTES

Cast in WESTMORELAND COUNTY, VIRGINIA
at the 2024 November General held on November 05, 2024 for,

Member, United States Senate

NAMES OF CANDIDATES ON THE BALLOT	TOTAL VOTES RECEIVED (IN FIGURES)
Timothy M. Kaine - Democratic	4774
Hung Cao - Republican	5615
Total Write-In votes	12
[Valid Write-Ins + Invalid Write-Ins = Total Write-In Votes]	
Total Number of Overvotes for Office	5

We, the undersigned Electoral Board, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on November 05, 2024, do hereby certify that the above is a true and correct Abstract of Votes cast at said election for the Member, United States Senate.

Given under our hands this 13th day of November, 2024

<u>Bryan McLeod</u>	, Chairman
<u>WJ</u>	, Vice Chairman
	, Secretary/Acting
<u>Ka</u>	, Secretary (Certified Copy)

ABSTRACT of VOTES

Cast in WESTMORELAND COUNTY, VIRGINIA
at the 2024 November General held on November 05, 2024 for,

Member, House of Representatives (1st District)

NAMES OF CANDIDATES ON THE BALLOT	TOTAL VOTES RECEIVED (IN FIGURES)
Leslie C. Mehta - Democratic	3916
Robert J. Wittman - Republican	6484
Total Write-In votes	13
[Valid Write-Ins + Invalid Write-Ins = Total Write-In Votes]	
Total Number of Overvotes for Office	4

We, the undersigned Electoral Board, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on November 05, 2024, do hereby certify that the above is a true and correct Abstract of Votes cast at said election for the Member, House of Representatives (1st District).

Given under our hands this 13th day of November, 2024

Brian Miller, Chairman

WJ, Vice Chairman

, Secretary/Acting

Joe, Secretary (Certified Copy)

ABSTRACT of VOTES

Cast in WESTMORELAND COUNTY, VIRGINIA
at the 2024 November General held on November 05, 2024 for,

Commonwealth's Attorney (Westmoreland County)

District: WESTMORELAND COUNTY

NAMES OF CANDIDATES ON THE BALLOT	TOTAL VOTES RECEIVED (IN FIGURES)
Christopher D. Robison	8028
Total Write-In votes	158
[Valid Write-Ins + Invalid Write-Ins = Total Write-In Votes]	
Total Number of Overvotes for Office	1

We, the undersigned Electoral Board, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on November 05, 2024, do hereby certify that the above is a true and correct Abstract of votes cast at said election for the Commonwealth's Attorney (Westmoreland County) and do, therefore, determine and declare the following person(s) has received the greatest number of votes cast for the Commonwealth's Attorney (Westmoreland County).

Christopher D. Robison

Given under our hands this 13th day of November, 2024

Bong Hilliard, Chairman
WJ, Vice Chairman
 , Secretary/Acting
Xac, Secretary (Certified Copy)

ABSTRACT of VOTES

Cast in WESTMORELAND COUNTY, VIRGINIA
at the 2024 November General held on November 05, 2024 for,

Mayor - Colonial Beach (Town of Colonial Beach)

District: COLONIAL BEACH

NAMES OF CANDIDATES ON THE BALLOT	TOTAL VOTES RECEIVED (IN FIGURES)
Robin M. Schick	1090
Total Write-In votes [from Write-Ins Certifications]	778
[Valid Write-Ins + Invalid Write-Ins = Total Write-In Votes]	
** Please submit a Write-Ins Certification **	
Total Number of Overvotes for Office	0

We, the undersigned Electoral Board, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on November 05, 2024, do hereby certify that the above is a true and correct Abstract of votes cast at said election for the Mayor - Colonial Beach (Town of Colonial Beach) and do, therefore, determine and declare the following person(s) has received the greatest number of votes cast for the Mayor - Colonial Beach (Town of Colonial Beach).

Robin M. Schick

Given under our hands this 13th day of November, 2024

Benny McLeod, Chairman
WJ, Vice Chairman
_____, Secretary/Acting
_____, Secretary (Certified Copy)

ABSTRACT of VOTES

Cast in WESTMORELAND COUNTY, VIRGINIA
at the 2024 November General held on November 05, 2024 for,

Member Town Council - Montross (Town of Montross)

District: MONTROSS

NAMES OF CANDIDATES ON THE BALLOT	TOTAL VOTES RECEIVED (IN FIGURES)
Kathryn S. Wittman	109
Joseph P. "Joey" King	105
David L. "Smitty" Smith	99
John Lewis	4
** Please submit a Write-Ins Certification **	
Total Write-In votes	19
[Valid Write-Ins + Invalid Write-Ins = Total Write-In Votes]	
Total Number of Overvotes for Office	0

We, the undersigned Electoral Board, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on November 05, 2024, do hereby certify that the above is a true and correct Abstract of votes cast at said election for the Member Town Council - Montross (Town of Montross) and do, therefore, determine and declare the following person(s) has received the greatest number of votes cast for the Member Town Council - Montross (Town of Montross).

1. Kathryn S. Wittman

2. Joseph P. "Joey" King

3. David L. "Smitty" Smith

4. John Lewis

Given under our hands this 13th day of November, 2024

Bryce McLeod, Chairman

WJH, Vice Chairman

, Secretary/Acting

Joey, Secretary (Certified Copy)

ABSTRACT of VOTES

Cast in WESTMORELAND COUNTY, VIRGINIA
at the 2024 November General held on November 05, 2024 for,

Member Town Council - Colonial Beach (Town of Colonial Beach)

District: COLONIAL BEACH

NAMES OF CANDIDATES ON THE BALLOT	TOTAL VOTES RECEIVED (IN FIGURES)
Thomas C. "Tom" Larson	977
Nigel G. Long	719
Krista Jaffe Brown	763
Lisa M. Grandstaff	934
Maggie Lane Sanford	878
Total Write-In votes	56
[Valid Write-Ins + Invalid Write-Ins = Total Write-In Votes]	
Total Number of Overvotes for Office	2

We, the undersigned Electoral Board, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on November 05, 2024, do hereby certify that the above is a true and correct Abstract of votes cast at said election for the Member Town Council - Colonial Beach (Town of Colonial Beach) and do, therefore, determine and declare the following person(s) has received the greatest number of votes cast for the Member Town Council - Colonial Beach (Town of Colonial Beach).

1. Thomas C. "Tom" Larson

2. Lisa M. Grandstaff

3. Maggie Lane Sanford

Given under our hands this 13th day of November, 2024

Berry McLean, Chairman
WJ, Vice Chairman
, Secretary/Acting
Kre, Secretary (Certified Copy)

ABSTRACT of VOTES

Cast in WESTMORELAND COUNTY, VIRGINIA
at the 2024 November General held on November 05, 2024 for,

Member School Board - Colonial Beach (Town of Colonial Beach)

District: COLONIAL BEACH

NAMES OF CANDIDATES ON THE BALLOT	TOTAL VOTES RECEIVED (IN FIGURES)
Audra M. Lucas-Peyton	1109
Michelle J. Payne	1091
Michele M. Mehrling	979
Total Write-In votes	66
[Valid Write-Ins + Invalid Write-Ins = Total Write-In Votes]	
Total Number of Overvotes for Office	2

We, the undersigned Electoral Board, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on November 05, 2024, do hereby certify that the above is a true and correct Abstract of votes cast at said election for the Member School Board - Colonial Beach (Town of Colonial Beach) and do, therefore, determine and declare the following person(s) has received the greatest number of votes cast for the Member School Board - Colonial Beach (Town of Colonial Beach).

1. Audra M. Lucas-Peyton

2. Michelle J. Payne

3. Michele M. Mehrling

Given under our hands this 13th day of November, 2024

<u>Berry Millard</u>	Chairman
<u>WJ</u>	Vice Chairman
<u></u>	Secretary/Acting
<u>Tha</u>	Secretary (Certified Copy)

ABSTRACT of REFERENDUM VOTES

Cast in WESTMORELAND COUNTY, VIRGINIA
at the 2024 November General held on November 05, 2024 for,

Proposed Constitutional Amendment

Should the Constitution of Virginia be amended so that the tax exemption that is currently available to the surviving spouses of soldiers killed in action is also available to the surviving spouses of soldiers who died in the line of duty?

QUESTION RESPONSE	TOTAL VOTES RECEIVED (IN FIGURES)
Total YES votes	9577
Total NO votes	528
Total Number of Overvotes for Question	3

We, the undersigned Electoral Board, upon examination of the official records deposited with the Clerk of the Circuit Court of the election held on November 05, 2024, do hereby certify that the above is a true and correct Abstract of Votes cast at said election for the proposed referendum.

Given under our hands this 13th day of November, 2024

<u>Benny Hill</u>	, Chairman
<u>Wfer</u>	, Vice Chairman
<u></u>	, Secretary/Acting
<u>Glac</u>	, Secretary (Certified Copy)

c. Consideration of Approval of Resolutions adding County Administrator and Assistant County Administrator as co-signers to all County Accounts.

The Chairman stated that there are two resolutions to come before the Board, which are to add James Taylor, County Administrator, and Donna Cogswell, Assistant County Administrator, as co-signers on all Westmoreland County Atlantic Union and C & F Banks; the resolution will be adopted today if the Board chooses.

There was no further discussion, upon Motion by Mr. Ingram, seconded by Mr. McCormack, with Mr. Hynson, Mr. McCormack, Mr. Ingram, Mr. Trivett, and the Chairman vote "aye." The Board approved the resolutions, adding the County Administrator and Assistant County Administrator as co-signers to all County Accounts.

**** Resolutions on next page ****

RESOLUTION
ADDITION OF COUNTY ADMINISTRATOR
TO COUNTY BANK ACCOUNTS
EFFECTIVE December 9, 2024

BE IT RESOLVED, by the Westmoreland County Board of Supervisors, the new County Administrator, **James P. Taylor**, should be added as a co-signer to all County accounts at Atlantic Union and C&F Bank; and

BE IT RESOLVED, that James P. Taylor, has authority to review and sign all checks and review and approve all ACHs for Westmoreland County.

Darryl E. Fisher, Chairman
Westmoreland County Board of Supervisors

Darryl Fisher
Timothy Trivett
W.W. Hynson
Jeffrey McCormack
Matthew Ingram

RESOLUTION
ADDITION OF ASSISTANT COUNTY ADMINISTRATOR
TO COUNTY BANK ACCOUNTS
EFFECTIVE December 9, 2024

BE IT RESOLVED, by the Westmoreland County Board of Supervisors, the Assistant County Administrator, **Donna L. Cogswell**, should be added as a co-signer to all County accounts at Atlantic Union and C&F Bank; and

BE IT RESOLVED, that Donna L. Cogswell, has authority to review and sign all checks and review and approve all ACHs for Westmoreland County.

Darryl E. Fisher, Chairman
Westmoreland County Board of Supervisors

Darryl Fisher
Timothy Trivett
W.W. Hynson
Jeffrey McCormack
Matthew Ingram

d. PUBLIC HEARING: Special Exception to allow construction of a telecommunication monopole and associated equipment; Carolyn & Marion Packett (agents Willcox & Savage & Verizon Wireless). (Beth McDowell)

Beth McDowell, Planning Director, was present to discuss the Special Exception. Ms. McDowell gave a presentation and noted that the property in question is a 33-acre parcel located on Talent Town Road, just outside the Nomini Grove intersection of Route 3. It is a mostly farmed field descending down to a wooded area, which had a home on the property at one time. The property is located on the Westmoreland-Richmond County line. They have notified adjacent landowners in that county and their county administrator. The proposal is for a 195 ft. monopole self-supporting with a four-foot lightning rod on top for a total height of 199 feet. The monopole will be placed near a hedge row at the edge of the field. There will be a 10-foot row of vegetation shielding the monopole base as the ordinance requires. Ms. McDowell stated that she came before the Board tonight because a special exception approval is needed for telecommunications facilities on A-1 zoned properties. The Planning Commission reviewed the special exception application last month and voted to recommend approval of the application. The proposed site will help because no towers are in that area. She stated that any noncompliance or changes without approval by the County made to the Special Exception or failure to abide by these requirements or conditions after written notice to Verizon specifying the violation and ii. Verizon fails to submit an acceptable plan and commence curing such violation within 90 days after receipt of such written notice will result in the revocation of this approval. In accordance with the provision of Section 10-3.12 (11) of the Westmoreland County Zoning Ordinance, the activity shall begin within 730 days of the approval of this Special Exception by the Board of Supervisors. Prior to the start of the activity, zoning and or building approval must be sought and granted.

Ms. McDowell asked if any Board member had any questions.

Lisa Murphy, the applicant, Zoning Counsel for Verizon Wireless, came to the podium to speak. She thanked Ms. McDowell for all of her work on the application and stated that

the area where the monopole is to be placed is a dead zone. She noted that the site that closest to the Northwest is the Montross Middle School; the tower is a little under 193 feet, and past the county line, the state police have a tower. She stated that the ordinance requires you to look within two miles, but nothing is within that. Ms. Murphy noted that in 2006, only 17% of the population was wireless at home; as of last December, it is 78% or higher. It is critical to have good wireless coverage. Verizon wants to continue to broaden its network infrastructure, and they look for a large property to get buffering. It is a 33 acre property that certainly has a hedge road that they were able to tuck the tower next to, 434 feet off of Talent Town Road, 55 feet from the western property, over 900 feet from the rear property line and 914 from the eastern property line. Ms. Murphy said they think they have found a location in harmony with the surrounding uses, with no traffic, congestion, or employees. A technician will visit the site once or twice a month, depending on how many antennas are on the tower. It is a passive use, much like a public utility; the only difference is that carriers do not have access to the eminent domain; they must find a willing landlord. The Packets in this case have agreed, it is 1500 square foot site will be leased in this case. There is an existing entrance off Talent Town Road but no road. A 12-foot gravel road will be brought down to the site, which will meet VDOT requirements as far as access.

The Chairman asked if any Board members had any questions.

There were no questions, and the Chairman opened the Public Hearing portion. He asked them to state their names for the record and address the comments to the Board. Let the record show that no one came to the podium to speak and the Chairman closed the public hearing portion of the meeting.

The Chairman asked if there was any questions or comments from any Board members, if not, he asked for a motion to approve.

With no further discussion, upon Motion by Mr. McCormack, seconded by Mr. Ingram with Mr. Trivett, Mr. McCormack, Mr. Hynson, Mr. Ingram, and the Chairman vote "aye." The Board approved the Special Exception to allow construction of a telecommunication monopole, and associated equipment to include the Planning Commission recommendations.

**** Special Exception documents on next page****



Westmoreland County, Virginia
LAND USE ADMINISTRATION

PO Box 1000
Montross, VA 22520
804-493-0120

Building Official
Zoning Official
Planning Commission
Board of Zoning Appeals
Board of Building Appeals
Wetlands Board

Board of Supervisors
Staff Report

<u>Date:</u>	November 18, 2024
<u>From:</u>	Beth McDowell, <i>Planning Director</i>
<u>Case #:</u>	#2411-SE-05
<u>Site Address:</u>	Tallent Town Road
<u>Site Location:</u>	Near Westmoreland/Richmond County line
<u>Magisterial District:</u>	Montross Magisterial District (Election District 1)
<u>Site Tax Map:</u>	51-15
<u>Owner/Applicant:</u>	Carolyn & Marion Packett (agents Willcox & Savage & Verizon Wireless)
<u>Site Property Size:</u>	33.05 acres
<u>Site Zoning District:</u>	A-1 Agriculture
<u>Authority:</u>	10-3.12 Special Exception Permit
<u>Project Description:</u>	Special Exception to allow construction of a telecommunication monopole and associated equipment
<u>Planning Commission:</u>	<i>On November 4, 2024 the Planning Commission unanimously recommended approval of this case with the attached conditions.</i>
<u>Board of Supervisors:</u>	Monday, December 9, 2024 (6:00 pm, English Building)

FINDING OF FACTS

Project Description:

The property is currently a vacant lot on Tallent Town Road near the Richmond County-Westmoreland County line. Verizon Wireless would like to construct a telecommunications facility on a portion of this lot. The facility would be a 195-foot self-supporting monopole with a 4-foot lightning rod for an overall height of 199 feet. The monopole would be located over 400 feet back from the edge of Tallent Town Road and 55 feet from the closest side lot line. The leased area for the pole is 5,625 square feet (75'x75') of the 33 acre parcel. It would be capable of hosting up to six users/carriers.

Need for Board Action:

Telecommunication structures such as monopoles require approval of a Special Exception on an A-1 zoned property.

2411-SE-05 Packett & VW

Page 1 of 4

Topography:

The majority of the property is currently cleared and being farmed. There is a former house site in the center of the land. The rear (south-west) third of the lot is forested with a small ravine located near where the lot becomes wooded. The lot overall is fairly flat in the front (northern) third where the project site is located. The project area is on one of the highest points of the property.

Surrounding Zoning and Development:

The surrounding area is primarily farm fields with forested slopes descending into drainageways. There are also scattered residential properties on smaller lots. Almost all lots in the area are zoned A-1 Agriculture, except for the granary property close to Route 3, which is zoned M-1 General Industrial.

Transportation:

The project site will be accessed from Tallent Town Road, State Route 621. During the permitting process, a VDOT entrance permit will be required prior to installation of the culvert at the road.

Landscaping and Screening:

Security fencing of seven feet in height will surround the monopole base and equipment. A 10-foot vegetated buffer shall be provided around the security fence as required in Zoning Ordinance Article 4-7.4.

Comprehensive Plan Considerations:

This property has been designated as Rural Lands in the County's Comprehensive Plan. "Rural Lands are intended to retain their existing character as much as possible. That is, they will remain primarily for agricultural or forestland use, but also with some areas of residential, commercial, institutional, and industrial uses..."

However, the project site is located approximately a quarter mile from the Nomini Grove Secondary Growth Area, which surrounds the intersection of Routes 3 and 621 and mirrors a section of the Northern Neck's designated Enterprise Zone. The Virginia Enterprise Zone program offers incentives for job creation and private investment in areas that have been selected by participating localities. Commercial and industrial development in this area could be aided by better cellular and internet coverage.

Additional Notes:

- A. The Planning Commission considered this case at their November 4, 2024 meeting. At the time, they recommended approval with the attached conditions. Also, they unanimously voted to state that the proposed project is in accordance with the current

Comprehensive Plan, as required by Virginia code section 15.2-2232 for public facilities including utilities.

- B. The rear southwestern corner of this property abuts land in Richmond County. The adjacent landowner in that county has been notified of this application.
- C. The applicants would like to have an additional year of initial approval. Per Article 10-3.12(11) of the Zoning Ordinance, the activity (including construction) authorized by a Special Exception approval should begin within 365 days of the approval. That section also allows for the extension of such approval for an additional 365 days—two years total—to be considered by the Board of Supervisors following a public hearing.

RECOMMENDATION

We believe that this project has merit. The proposed project would improve cellular and internet coverage in an area of the County that currently has marginal service.

Photo simulations have been done, specifically a balloon test which is when a large balloon is raised to the level of the top of the proposed monopole, and pictures are taken at certain points and notice is given to the community, in order for people to envision the visual presence of the pole. The results of the balloon test indicate that the pole would be most visible from directly in front of the site on Tallent Town Road, visible in the distance from the granary at Nomini Grove (at the intersection of Kings Highway, Tallent Town Road, and Nomini Grove Road), but not visible from the homes in Kings Highway near Garner's Produce and on Piney Grove Road in Richmond County.

Should the Board consider approval of the request, staff recommends the following conditions:

1. The Special Exemption shall be approved in substantial conformance with the site development plan presented with this application, entitled Menokin, sealed by Stuart P. Patterson, and dated July 27, 2024; this includes approval for the proposed monopole to be 199 feet high in total.
2. No additional or future development will be permitted on the property except in compliance with all the applicable codes.
3. Any noncompliance or changes without approval by the County made to the Special Exception or failure to abide by these requirements or conditions i) after written notice to Verizon specifying the violation and ii) Verizon fails to submit an acceptable plan and commence curing such violation within 90 days after receipt of such written notice will result in the revocation of this approval.
4. In accordance with the provision of Section 10-3.12 (11) of the Westmoreland County Zoning Ordinance, the activity shall begin within 730 days of the approval of this Special Exception by the Board of Supervisors. Prior to the start of the activity, zoning and/or building approval must be sought and granted.

Attachments:

Application
Aerial photo of lot and surrounding area
Justification letter
Aerial Network Map
Site development plan titled Menokin, sealed by Stuart P. Patterson, dated July 27, 2024
Structural letter
Verizon Wireless Collocation policy
Photographic simulations
Intermod report



**Special Exception & Commission Permit Applications
Telecommunications Facility**

**Site Name: Menokin
Tallent Town Road
Nomini Grove, VA 22572
Tax Parcel ID #51-15**

**Carolyn S. Packett & Marion James Packett
Cello Partnership (d/b/a Verizon Wireless)**

Project Narrative

Cello Partnership d/b/a Verizon Wireless (hereinafter "Verizon Wireless" or "Applicant") is seeking a special exception permit from the Westmoreland County Board of Supervisors pursuant to §4-7.2 of the Westmoreland County Code of Ordinances ("County's Ordinances") and a Commission Permit ("2232 Review") pursuant to Article 10, Section 3, Subsection 14 for the purpose of constructing and operating a 195-foot self-support monopole telecommunications tower with a 4-foot lightning rod, together with related wireless telecommunications antennas and equipment (collectively, "Telecommunications Facility") on an approximately 5,625 square foot portion of the referenced 33.05-Acre parcel zoned A-1, Agricultural District ("Property"). A copy of the Applicant's completed Special Exception and Commission Permit Application Forms (collectively, "Application") are included as Exhibit A. In order to have sufficient time to commence construction of the proposed Telecommunications Facility, the Applicant is also seeking to have the period in which it must commence the use authorized by the special exception permit extended to two (2) years instead of the standard one (1) year period.

As indicated in the justification letter written by Verizon Wireless' Senior Engineer Consultant - Radio Frequency, Frank Mayer ("RF Justification Letter"), which is included as Exhibit B, the proposed Telecommunications Facility is critical to Verizon Wireless' goal of providing robust voice and data services in Westmoreland County along Kings Highway (SR 3) and in the surrounding area, including the nearby residences and businesses. Currently the Applicant has eleven (11) sites in the County serving primarily Colonial Beach and the Kings Highway (SR 3) corridor. The proposed Telecommunications Facility will enhance rural coverage between Nomini Grove and Warsaw and will improve rural residential coverage in Westmoreland County. Antennas operating on the proposed Telecommunications Facility, will connect with antennas operating on existing towers along Kings Highway (SR 3). Like the networks of other wireless carriers, Verizon Wireless' network of antenna sites is largely based on the use of existing telecommunications towers and tall structures built by Verizon Wireless and other wireless carriers and tower companies. Before determining that a new Telecommunications Facility was necessary to satisfy its service and coverage objectives, the Applicant first searched the area around the proposed Telecommunications Facility for existing telecommunications towers and/or tall structures on which it could collocate its antennas. As depicted with red pins on the aerial network map ("Aerial Network Map") included as Exhibit C, Verizon Wireless is already located on the closest existing towers on Kings Highway (SR 3), which includes a tower near Montross Middle School at 8884 Menokin Road approximately 2.5 miles to the northwest and a State Police tower located approximately 3.6 miles to the southeast. There are no other towers or structures with sufficient height within two (2) miles of the proposed Telecommunications Facility that would satisfy Verizon Wireless' coverage objectives.

In fact, as indicated in the RF Justification Letter, to maximize the service footprint of the proposed Telecommunications Facility, and to provide first in class wireless service for more of the residents of Westmoreland County, Verizon Wireless is seeking a height waiver to increase the height of

the telecommunications tower to 195 feet to allow its wireless telecommunications signal to travel further without being impeded by ground clutter such as trees, buildings, or terrain. Moreover, as indicated in the RF Justification Letter, all of Verizon Wireless' current antenna arrays in the County, with the exception of the tower near Montross Middle School are operating at either 193-feet or higher. Therefore, Verizon Wireless is seeking a height waiver in order to construct and operate a new Telecommunications Facility consisting of a 195-foot galvanized steel monopole telecommunications tower with a 4-foot lightning rod, together with related antennas and equipment on a 5,625 square foot leased portion of the Property to satisfy its coverage objectives.

Telecommunications Facility Description

As depicted on the site development plans ("Site Development Plan") included with this Project Narrative as Exhibit D, signed by Stuart P. Patterson, PE, stamped July 27, 2024, Verizon Wireless proposes to construct and operate a 195-foot self-support monopole telecommunications tower with a 4-foot lightning rod for a total height of 199-feet above ground level on the referenced property leased from Carolyn S. Packett & Marion James Packett (collectively, "Owner"). The proposed Telecommunications Facility will be located within a 50-foot x 50-foot fenced compound within a 5,625 square foot leased area ("Leased Premises") in the northeastern portion of the property approximately 434 feet off of Tallent Town Road. The Telecommunications Facility will be accessed by a 12-foot gravel access drive (within a 20' Wide Access and Utility Easement) through an existing entrance off of Tallent Town Road. The Telecommunications Facility will be serviced by a technician on a monthly basis or during a service outage so there will be no impact on traffic in this area.

Compliance with the Westmoreland County Zoning Ordinance

4-7.2 Monopoles

Monopoles and related unmanned equipment may be developed subject to the standards below to the extent permitted by special exception in the district use lists.

1. The height of such monopole shall not exceed 150 feet, including antennas.

Response: As indicated above and in the RF Justification Letter, to maximize the service footprint of the proposed Telecommunications Tower, and to provide first in class wireless service for more of the residents of Westmoreland County, Verizon Wireless is seeking a height waiver to increase the height of the tower to 195 feet to allow its telecommunications signal to travel further without being impeded by ground clutter such as trees, buildings, or terrain. Moreover, as indicated in the RF Justification Letter, all of Verizon Wireless' current antenna arrays in the County, with the exception of the tower near Montross Middle School are operating at either 193-feet or higher. Therefore, Verizon Wireless is seeking a height waiver in order to construct and operate a new Telecommunications Facility consisting of a 195-foot galvanized steel monopole telecommunications tower with a 4-foot lightning rod, together with related antennas and equipment on a 5,625 square foot leased portion of the Property to satisfy its coverage objectives.

2. Satellite and microwave dishes attached to monopoles shall not exceed three and one-half (3.5) feet in diameter.

Response: Acknowledged.

3. Monopoles shall be subject to minimum yard requirements and shall not be located any closer than one (1) foot for every five (5) feet in height to any property line. Structures and building may be constructed within the setback areas of the monopole, provided other zoning standards are met.

Response: *As depicted and indicated on Sheet Z-1 of the Site Development Plan, the proposed monopole telecommunications tower will be set back 55 feet from the western property line, 996 feet from the rear property line, 914 feet from the eastern property line and 494 feet from the Property's frontage on Tallent Town Road.*

4. The related unmanned equipment structure(s) shall not contain more than 500 square feet of total gross floor area on each site. Structures shall not exceed twelve (12) feet in height provided that no more than two (2) structures are erected. In such cases where more than two (2) structures are erected, they shall not be more than eight (8) feet in height. The structure shall be located in accordance with the minimum yard requirements of the zoning district in which it is located. The structure shall be of a material or color which matches the exterior of the building structure.

Response: *The Applicant will not be utilizing any equipment structures at this site. Collocators will be advised of these requirements for future use.*

5. Unless otherwise required by the Federal Communications Commission or the Federal Aviation Administration, monopoles shall have galvanized finish or be painted with a silver or gray finish.

Response: *The proposed telecommunications structure will be a galvanized steel monopole.*

6. No signals or lights or illumination shall be permitted on a monopole, unless required by the Federal Communications Commission, the Federal Aviation Administration, State or Federal authorities, or the County.

Response: *The proposed Telecommunications Tower will be a galvanized steel monopole, which will not be marked or lit.*

7. No commercial advertising or signs shall be allowed on a monopole, including manufacturer's logo or brand name.

Response: *Acknowledged.*

8. A commission permit shall be required, in accordance with Article 10 of this Ordinance.

Response: *Included with this special exception permit application is a request for a Commission Permit ("2232 Review") pursuant to Article 10-3.14 of the County's Ordinance.*

9. All unused equipment and facilities from a commercial public telecommunications site shall be removed within 90 days of cessation of commercial public telecommunications use and the site shall be restored as closely as possible to its original condition.

Response: Acknowledged.

10. New telecommunications monopoles shall be designed to accommodate at least three (3) providers. The applicant shall identify the conditions under which future co-location by other service providers are permitted. Co-location may not be required when the Board of Supervisors determines based on substantial evidence produced by the applicant that:

- (A) Doing so would create unnecessary visual impact on the surrounding area; or
- (B) No additional need is anticipated for any other potential user in the vicinity; or
- (C) There is valid technological, economic or physical justification as to why co-location is not possible.

Response: As depicted on Sheet SP-3 of the Site Development Plan and as indicated on the correspondence from Stuart P. Patterson, P.E., dated July 24, 2024 ("Structural Letter"), attached hereto as Exhibit E, the proposed telecommunications monopole will be designed for a total of six (6) users, Verizon Wireless and five (5) additional carriers. In addition, included with this Application as Exhibit F is a copy of the Applicant's Collocation Policy ("Verizon Wireless Collocation Policy").

11. In addition to the special exception application materials required in accordance with Article 10 of this Ordinance, applicants seeking approval of a monopole facility shall also submit the following information:

- (A) The applicant shall provide photomimagery or other visual simulation of the proposed telecommunications monopole shown with the existing conditions of the site. This simulation shall be provided from a minimum of three (3) perspectives. The applicant shall address how the facility can be designed to mitigate the visual impact on area residents, facilities, and roads.

Response: Included with this special exception permit application as Exhibit G, are the pictures from four (4) vantage points ("Photographic Simulations"), together with a map identifying the locations and distance of each vantage point, depicting what the proposed telecommunications monopole will look like with the existing conditions of the site. As the Photographic Simulations (Exhibit G) indicate, the design of the telecommunications tower and its location on this Property set back 434 feet from Tallent Town Road adjacent to a buffer of mature trees and vegetation will mitigate the potential impact of the telecommunications monopole in such a way as to cause the least adverse visual effect possible on the environment and its character, and on the residences in the area.

- (B) The applicant for a new commercial public telecommunication monopole shall demonstrate that location on an existing telecommunications facility or structure greater than 40 feet in height is not feasible. The applicant shall evaluate telecommunications facilities and structures greater than 40 feet in within a two (2) mile radius of the proposed facility. Technological, physical, and economic constraints may be considered in determining infeasibility. Co-location may be determined to be infeasible in the following situations:

- (1) Planned equipment would exceed the structural capacity of existing and approved telecommunications facilities, considering existing planned use of those facilities, and such facilities cannot be reinforced to accommodate planned or equivalent equipment at a reasonable cost;
- (2) Planned equipment will cause interference with other existing or planned equipment for that telecommunications facility, and that interference cannot be prevented at a reasonable cost;
- (3) Existing or approved telecommunications facilities do not have space on which planned equipment can be placed so as to provide adequate service; and
- (4) Existing and approved telecommunications facilities will not provide adequate signal coverage.

Response: As indicated above and on the RF Justification Letter, there are no towers or tall structures within two (2) miles of the proposed Telecommunications Facility on which Verizon Wireless could operate its antennas and equipment. In addition, submitted with this application as Exhibit H is a Radio Frequency Interference Analysis Report prepared by EBI Consulting dated July 23, 2024 ("Intermod Report"). As the Intermod Report indicates, the Applicant's proposed antennas will not cause interference with existing telecommunications devices and will not have a negative impact on the performance of the existing radio systems utilized by the County.

- (C) Applicants proposing a new telecommunications monopole within one (1) mile of a County designated historic district or a Virginia Byway shall submit a minimum of three (3) visual simulations and written justification as to why the monopole could not be sited elsewhere. This requirement shall also be applied if a telecommunications monopole is proposed on a property listed on the National Register of Historic Places.

Response: Although the proposed telecommunications monopole is not within one (1) mile of a County designated historic district or Virginia Byway, the Applicant has submitted Photographic Simulations from four (4) vantage points.

- (D) In addition to those entitled to notice under the provisions of this Ordinance, all owner(s), or their agent(s), of all properties abutting or immediately and diagonally across the street or road from those properties whose owners are entitled to notice under the provisions of this Ordinance, shall be provided with the same written notice. The applicant is also encouraged to meet with community and homeowners association groups in the area.

Response: The Applicant will send notices of the filing of this application to those entitled to notice under the provisions of the County's Ordinance.

4-7.4 Landscaping and Buffer Requirements for monopole and telecommunications towers.

1. Facilities shall be enclosed by security fencing not less than six (6) feet in height.

Response: As depicted on Sheet SP-3 the Site Development Plan, the proposed Telecommunications Facility will be enclosed by a seven (7) foot high chain link fence.

2. The telecommunications facility shall be landscaped with a mix of hedge and trees to screen internal communications buildings from adjacent properties. The standard buffer should consist of an area 10 feet in width outside of the fenced area. Plantings will comply with Zoning Ordinance landscaping requirements.

Response: As depicted on Sheets L-1 & L-2 of the Site Development Plan, the proposed Telecommunications Facility will be landscaped with a mix of hedges and trees forming a ten (10) foot landscaped buffer screening the ground equipment from adjacent properties.

3. Existing mature tree growth and natural land forms onsite shall be preserved to the maximum extent possible. In special exception applications, the Board of Supervisors may determine that the natural growth surrounding the property perimeter may be sufficient as the required buffer.

Response: Acknowledged.

4. Existing trees within 200 feet of the telecommunications tower or monopole shall not be removed, except as may be authorized to permit construction of the facility and installation of vehicular access.

Response: Acknowledged.

4-7.5 Maintenance

1. The owner, or his agent, shall be responsible for the maintenance, repair and replacement of all required landscape materials and screening and buffering as may be required by the provisions of this Section.

Response: Acknowledged.

2. All plant material shall be tended and maintained in a healthy growing condition, replaced when necessary and kept free of refuse and debris.

Response: Acknowledged.

3. Fences and walls shall be maintained in good repair. Openings within the barriers may be required by the Zoning Administrator for accessibility to an area for necessary maintenance.

Response: Acknowledged.

4-7.6 Removal of Abandoned Antennas, Monopoles and Towers

1. The owner of each monopole or tower shall submit a report to the Zoning Administrator once a year, no later than July 1. The report shall state the current user status of the tower.

Response: Acknowledged.

2. Any antenna or tower shall be disassembled and removed from the site within ninety (90) days of the discontinuance of the use of the monopole, tower or antenna. Removal includes the removal of antennas, telecommunications towers, fence footers, underground cables and support buildings. The buildings and foundation may remain with the landowner's approval. If there are two (2) or more users of a single tower or monopole, then this provision shall not become effective until all users cease using the tower.

Response: Acknowledged.

EXHIBIT LIST

EXHIBIT	A	Special Exception & Commission Permit Application Forms
EXHIBIT	B	RF Justification Letter
EXHIBIT	C	Aerial Network Map
EXHIBIT	D	Site Development Plan
EXHIBIT	E	Structural Letter
EXHIBIT	F	Verizon Wireless Collocation Policy
EXHIBIT	G	Photographic Simulations
EXHIBIT	H	Intermod Report

Exhibit A

Special Exception & Commission Permit Application Forms



Westmoreland County, Virginia
Land Use Administration
P. O. Box 1000
Montross, VA 22520
Phone 804-493-0120 FAX 804-493-0604

Building Official
Zoning Official
Planning Commission
Board of Zoning Appeals
Board of Building Appeals
Wetlands Board

SPECIAL EXCEPTION APPLICATION

(Last amended January 11, 2018)

Case #: _____ Date Received: _____
Fee \$600: _____ Check #: _____ (submit with application - nonrefundable)
The fee for deferral shall be 50% of the original fee. Make checks payable to 'Treasurer of Westmoreland County.'
Assigned Date for: Planning Commission: _____ Board of Supervisors: _____

THIS APPLICATION IS INVALID IF NOT SIGNED BY ALL PROPERTY OWNERS OR THEIR
AUTHORIZED AGENTS. PROPERLY COMPLETED AND EXECUTED APPLICATIONS, SUPPORT
MATERIAL, AND FEE MUST BE RECEIVED BY THE APPROPRIATE DEADLINE FOR CONSIDERATION
AT THE NEXT AVAILABLE MEETING.

Property Location: Tallent Town Road
(Address)
Tax Map Identification: 51-15 Acreage: 33.05
Zoning District: A-1 Magisterial District: District I-2

I/we respectfully request the consideration of a **SPECIAL EXCEPTION** in accordance with the Zoning
Code requirements found in Article 4, Section 7, Subsection 2 and being further described as:
Cellco Partnership d/b/a Verizon Wireless is seeking a special exception permit and a Commission
Permit pursuant to Article 10, Section 3, Subsection 14 for the purpose of constructing and operating a
195-foot self-support monopole telecommunications tower with a 4-foot lightning rod, together with
related wireless telecommunications antennas and equipment on an approximately 5,625 square foot
portion of the referenced 33.05-Acre parcel zoned A-1, Agricultural District. (See attached Project
Narrative).

Owner(s): Carolyn S. Packett & Marion James Packett
Address: c/o Rice-Packett Real Estate Agency, 235 Main Street
City: Warsaw State: VA Zip: 22572
Phone #: 804-333-4933 Phone #: 804-761-8356
Email Address: carolyn@ricepackett.com

Agent (if applicable): Lisa M. Murphy, Esq.
Address: c/o Willcox & Savage, P.C., 440 Monticello Ave., Ste. 2200
City: Norfolk State: VA Zip: 23510
Phone #: 757-628-5540 Phone #: 757-214-5493
Email Address: lmurphy@wilsav.com

(OVER)

Applicant (e.g. prospective owner, if applicable): Cellco Partnership d/b/a Verizon Wireless

Address: 1831 Rady Court

City: Richmond State: VA Zip: 23222

Phone #: 804-928-0154

Phone #:

Email Address: sbamman@bci-mail.com

A pre-application meeting with staff is recommended. Call 804-493-0120 to schedule a date and time.

The following documents shall accompany this application for consideration:

1. Eighteen (18) copies of all documents.
2. Conceptual plan showing the property and all existing and/or proposed site improvements, preferably drawn by licensed professional (not necessarily sealed).
3. Boundary survey or legal description showing accurate dimensions of the parcel(s) and all applicable easements.
4. Floor plans of all existing and/or proposed building(s) that are to be part of the proposed use, if applicable.
5. Building elevation views of all existing and/or proposed building(s), if applicable.
6. Topographic map when required.
7. Other documentation that you feel important for your case.

I/we hereby grant permission for staff, Commission, and Board members to go upon the above property. I/we certify that the information presented on this application is true and correct to the best of my/our knowledge. I/We further understand that upon review of the documents submitted, should it be determined that they do not meet the requirements, the application shall not be forwarded until the issue(s) are resolved.

Owner Signature:

Carlyle Patrick
Marlene Patrick

Date: 09.06.2024

Date: 9/6/2024

Date:

Date:

Date:

Agent Signature:

[Signature]

Date: 9/11/24

Applicant Signature:

[Signature]

Date: 9/9/24



Westmoreland County, Virginia
Land Use Administration
P. O. Box 1000
Montross, VA 22520
Phone 804-493-0120 FAX 804-493-0604

Building Official
Zoning Official
Planning Commission
Board of Zoning Appeals
Board of Building Appeals
Wellands Board

COMMISSION PERMIT "2232 REVIEW" APPLICATION TO PLANNING COMMISSION
For Public Improvements

(Last revised June 4, 2018)

Case No: _____ Date Received: _____

Fee \$600: _____ Check #: _____ (submit with application-nonrefundable)
The fee for deferral shall be 50% of the original fee. Make checks payable to 'Treasurer of Westmoreland County.'
*Fees are waived if submitted simultaneously with a directly-related application for a rezoning or Special Exception that will also be heard by the Planning Commission.

Assigned Date for: Planning Commission: _____

THIS APPLICATION IS INVALID IF NOT SIGNED BY ALL PROPERTY OWNERS AND THEIR AUTHORIZED AGENTS. PROPERLY COMPLETED APPLICATIONS, SUPPORT MATERIALS, AND FEE MUST BE RECEIVED BY THE APPROPRIATE DEADLINE FOR CONSIDERATION AT THE NEXT AVAILABLE MEETING.

Tax Map Identification: 51-15 Project Address: Tallent Town Road

Acreage: 33.05 Zoning District: A-1 Magisterial District: District I-2

Owner(s): Carolyn S. Packett & Marion James Packett

Address: c/o Rice-Packett Real Estate Agency, 235 Main Street

City: Warsaw State: VA Zip: 22572

Phone #: 804-333-4933 Phone #: 804-761-8356

Email Address: carolyn@ricepackett.com

Agent/Applicant (if applicable): Lisa M. Murphy, Esq.

Address: c/o Willcox & Savage, P.C., 440 Monticello Ave. Ste. 2200

City: Norfolk State: VA Zip: 23510

Phone #: 757-628-5540 Phone #: 757-214-5493

Email Address: lmurphy@wilsav.com

I/we respectfully request the consideration of a **COMMISSION PERMIT ("2232 REVIEW")** in accordance with the Zoning Code requirements found in Article 10, Section 3, Subsection 14, and being further described as:

Cellco Partnership d/b/a Verizon Wireless is seeking a Commission Permit in accordance with Va Code §15.2-2232 to authorize the construction and operation of a 195-foot self-support monopole telecommunications tower with a 4-foot lightning rod on the property. (See attached Project Narrative).

(Description of work being proposed)

Written Statement of Justification:

In accord with the Code of Virginia, §15.2-2232, no street, park or other public area or public structure, public utility, public building or public service corporation facility other than railroads, whether publicly or privately owned, shall be constructed, established or authorized unless and until the general location or approximate location, character and extent thereof has been submitted to and approved by the Planning Commission as being substantially in accord with the adopted comprehensive plan or part thereof.

An application for a commission permit shall include a written statement of justification from the applicant as to why the proposed improvement should be deemed to be in accord with the Comprehensive Plan. Please provide this statement below or on an attached page if necessary.

The proposed Telecommunications Facility is critical to Verizon Wireless' goal of providing robust voice and data services in Westmoreland County along Kings Highway (SR 3) and in the surrounding area, including the nearby residences and businesses. It will also further the Comprehensive Plan's Goal of providing better telecommunications options through increased provider competition in accordance with Section 2.5.4 of the Plan. (See attached Project Narrative).

SUBMITTAL DOCUMENTS

The following documents shall accompany this application for consideration:

1. Eighteen (18) copies of all documents, excluding this application.
2. The written statement of justification, as described above.
3. Conceptual plan showing the property and all existing and/or proposed site improvements, preferably drawn by licensed professional (not necessarily sealed), if applicable.
4. Boundary survey showing accurate dimensions of the parcel(s) and all easements, if applicable.
5. Floor plans of all existing and/or proposed building(s) that are to be part of the proposed use, if applicable.
6. Building elevation views of all existing and/or proposed building(s), if applicable.
7. Other documentation that you feel important for your case.

I/we hereby grant permission for staff and Commission members to go upon the above property. I/we certify that the information presented on this application is true and correct to the best of my/our knowledge. I/we further understand that upon the review of the documents submitted, should it be determined that they do not meet the requirements, the application shall not be forwarded to the Commission until the issue(s) have been resolved.

Owner Signature: Carolyn Pickett Date: 09.06.2024

Maryn Pickett Date: 9/6/2024

Date: _____

Date: _____

Date: _____

Agent Signature: [Signature] Date: 9/11/24

Applicant Signature: [Signature] Date: 9/9/24

Exhibit B

RF Justification Letter

To whom it may concern;

In proposing a 195' tower for the Menokin site, we are seeking to maximize the service footprint of the tower, and provide first in class wireless service for more of the residents of Westmoreland County. Westmoreland County is a fairly rural community, with a population density of only about 70 people per square mile. The higher elevation of the antennas allows their signal to travel further without being impeded by ground clutter such as trees, buildings, or terrain.

Currently VZW has 11 sites in the county serving primarily Colonial Beach and the Route 3 corridor. This site is designed to connect between two other towers along Rt.3 and enhance rural coverage between Nomini Grove and Warsaw. In addition, this site is designed to improve rural residential coverage in both Westmoreland and Richmond Counties.

All of our current antenna arrays in Westmoreland County, with the exception of a tower near Montross are either 193' or higher. This site is consistent with those previous deployments. We always first try to collocate on existing structures, but there are none in this area that met our design needs, hence the necessity of building our own structure.

Radio signal propagation varies widely depending on both the frequency and the physical environment it must propagate through, however, in a coastal environment like Westmoreland, an increase in the elevation of the transmitter results in a larger footprint for the site, and gives us the best opportunity to cover more people with this tower. Verizon Feels this is the most efficient design to provide service for this portion of Westmoreland County, and to integrate this site into the existing network.

Thank You,

Frank Mayer

Senior Engineer Consultant- Radio Frequency

1831 Rady Court

Richmond, Virginia

Exhibit C

Aerial Network Map

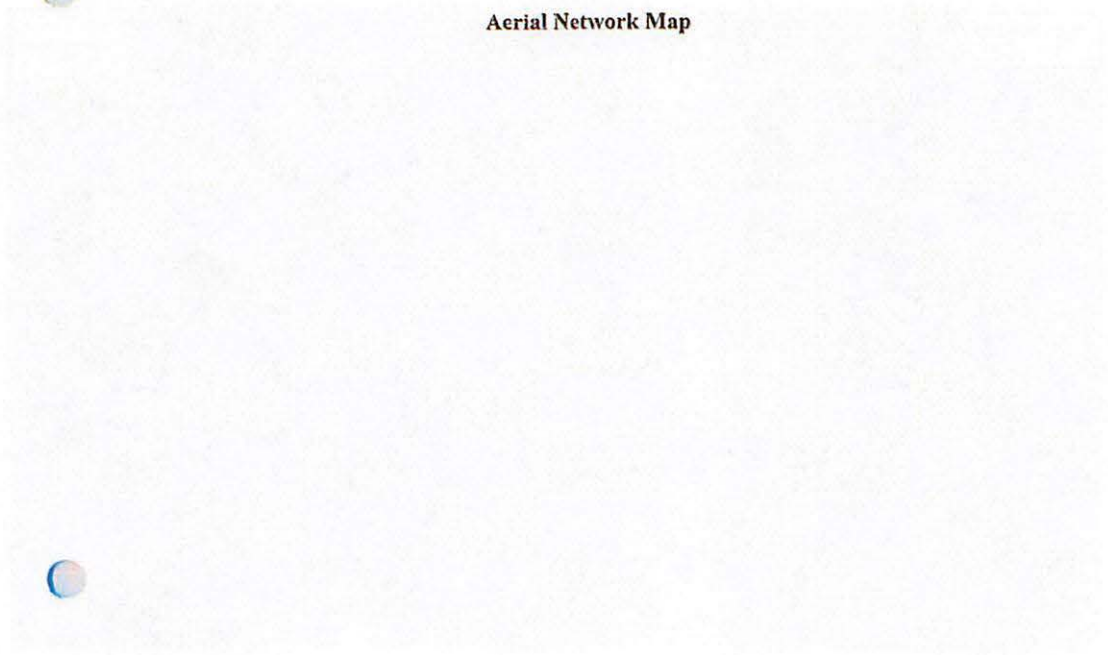
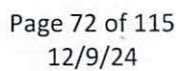


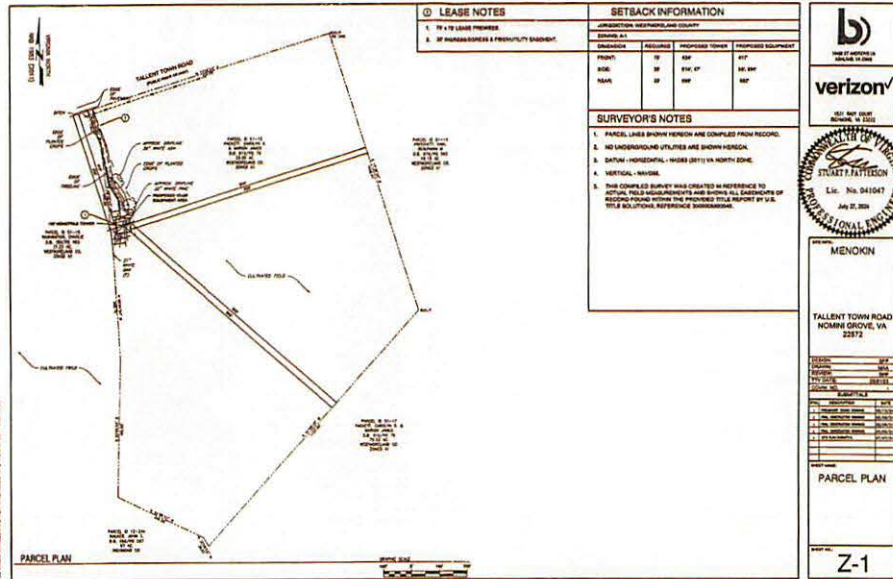


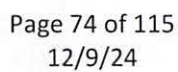
Exhibit D

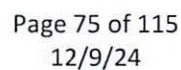
Site Development Plan

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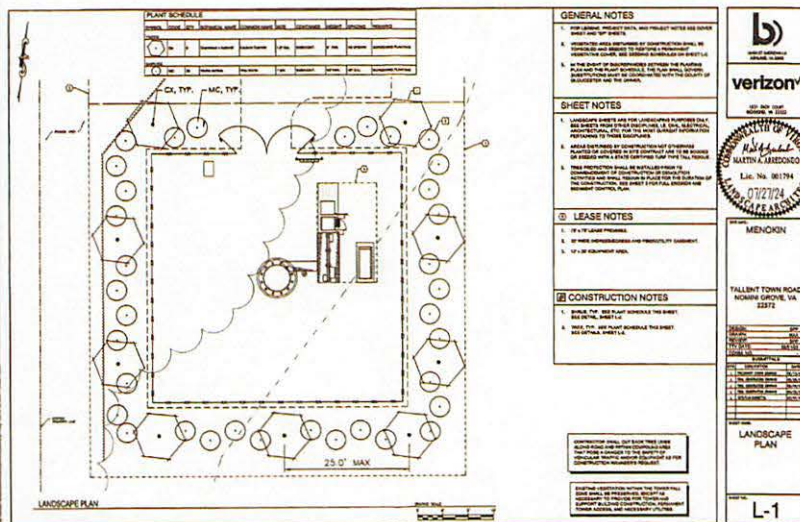
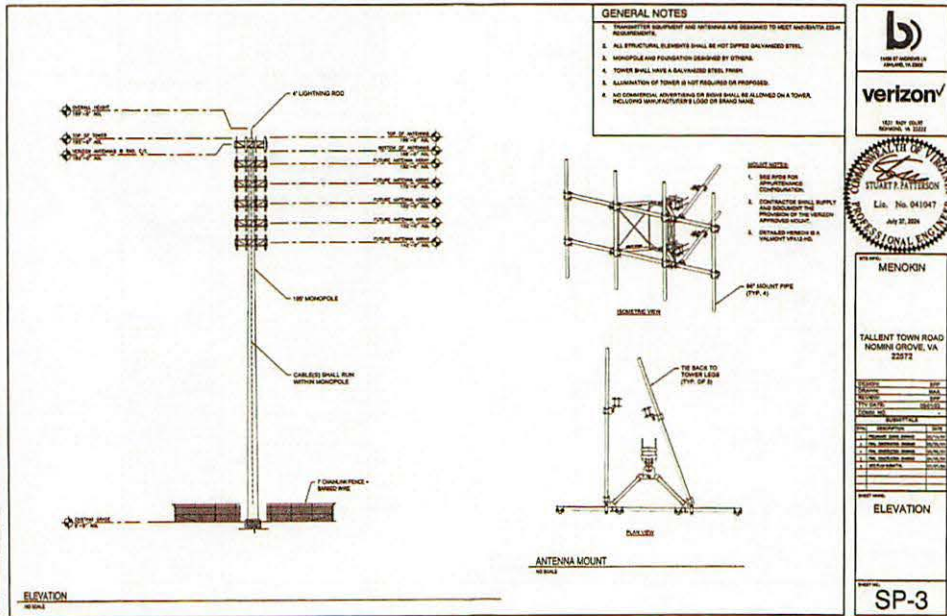


Exhibit E
Structural Letter



07/24/2024

Applicant: Verizon Wireless

Site Name: Menokin

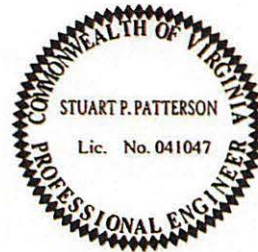
Address: Tallent Town Rd
Nomini Grove, VA 22572

Subject: Proposed 199' Tower Loading Specification

The proposed monopole shall be designed in compliance of current EIA/TIA-222 guidelines to account for the structural loading of all appurtenances, plus additional wind and ice loading.

The structure, as proposed, would be designed to accommodate the six (6) total antenna/appurtenance arrays. Verizon Wireless is proposed at 192-ft level and the subsequent antenna arrays shall have centerline elevations every ten feet below. The tower shall be designed to accommodate cables within the monopole and portholes to service each specific array.

Engineer signature



14489 St Andrews Ln, Ashland, VA 23005

703.328.8574

spatterson@bcr-mail.com

Exhibit F

Verizon Wireless Collocation Policy

b 11 c10



Collocation / Site License Application Process
for all Verizon Submarkets

Application received at KGI (you can e-mail or fax copy to your KGI contact, but please mail the completed, signed, hard copy to the KGI office):

KGI
Building Three, Suite 370
805 Las Cimas Parkway
Austin, Texas 78748

KGI verifies that all information has been included with the application.

Signed and dated application form with ALL fields completed
\$2,500 application fee for both new licenses or amendments (payable to KGI)
Equipment cut-sheets (Typically copied sheets from catalogs)
Preliminary Site Sketch

- An Entry & Testing Agreement may be required prior to accessing the tower site and is good for a minimum of 30 days to drive test the site and perform any required preliminary testing (for new licenses). A current Certificate of Insured will also be required. Your KGI contract specialist will let you know the correct name and address of the Verizon entity to be shown as additional insured on the Certificate of Insurance
- KGI will coordinate a site walk with one of Verizon's representatives (if necessary)
- After verification, the application is forwarded to the appropriate Verizon market contacts for approval pending structural analysis. This process takes approximately 10 to 20 days.
- KGI will forward the due diligence package to the carrier
- KGI forwards request for structural analysis, any site photos, etc., along with previous studies to the region's preferred engineering consultant. Photos of the subject tower and compound as it exists prior to installing new equipment are very helpful.
- Structural cost will depend on the Verizon submarket and tower type. If no existing studies are available and mapping or foundation/geotech studies are required, the additional cost will be quoted on a site by site basis. If no additional studies are required, a structural analysis takes an average of 10 business days. If additional study is required (soils, foundations) the process takes approx. 4 weeks.
DO NOT ORDER STRUCTURAL REPORTS ON YOUR OWN WITH A DIFFERENT ENGINEERING FIRM OR YOU MAY BE REQUIRED TO RE-RUN THEM THROUGH VERIZON'S PREFERRED VENDOR AT ADDITIONAL COST.
- Mount analysis of existing installations must be performed prior to modifying equipment and all mounts, new or existing, must comply with current regulatory standards. Additional fee will be required for the mount analysis and quote obtained on a case by case basis. Please provide model numbers of existing or proposed mounts and photos of existing with your application.. Please send PO / check to KGI or email PO to your Contract Specialist.

KGI
Building Three, Suite 370
805 Las Cimas Parkway
Austin, Texas 78748

KGI will submit the Order Package to the Engineering Firm on your behalf.

- If structural analysis passes and application is approved, the agreement (site license agreement or amendment) will be prepared by KGI Legal. If structural fails, negotiations to modify the tower may take place if desired. You will be required to pay for a Modification Design that will take approx. 20 days to complete. Allow approx. 30 days for draft completion once mod design and all engineering reports have been completed and approved by Verizon.
- Engineer-sealed Construction Drawings, Site Plan and the names and contact info for construction contractor must be provided for approval.
- A copy of your building permit, construction schedule, zoning approval or statement that zoning is not required must be provided prior to starting construction at the site.
- After full execution of the agreement and upon satisfaction of NTP requirements, KGI will issue an NTP (Notice to Proceed). See attached NTP checklist. **You must coordinate with KGI for a date to begin installation. **

- 3rd Party Inspection of work (through contractor - paid to KGI who will coordinate) Fee may vary depending upon project type and location (generator add, lift required, etc.)
- ** Before the NTP will be issued, the Post Installation Fee must be received in the form of a check. The NTP will not be issued until full payment of any outstanding charges has been received.
- **(IMPORTANT!)** As-built drawings with any red-lined changes must be provided in a final Close-out Package to be delivered to Verizon.

NTP REQUIREMENTS -

1. License Agreement or Amendment fully executed
2. All Fees to KGI are paid, including the post-installation inspection fee
3. Completed Method of Procedure (MOP) is received and approved (if required)
4. Permitting (Zoning/BP) is completed and copy provided or statement that none is required.
5. Structural Analysis is complete and approved
6. If Structural Failed, Mod Design Complete and Approved and Inspected (if required)
7. Contractor information received – must list Project Manager on site and his cell #
8. Construction schedule provided with specific dates and operations to be completed each day.
9. Certificate of Insurance for Contractor showing Verizon as additional insured
10. Certificate of Insurance for Applicant showing Verizon as additional insured.
11. All underground utilities and grounding have been located and marked and site work completed (if required)
12. Verizon has reviewed NTP items and released KGI to issue NTP.

Liability and Insurance coverage amounts must comply with requirements in the Site License Agreement or MLA

Address to use for Verizon on Certificates of Insurance:

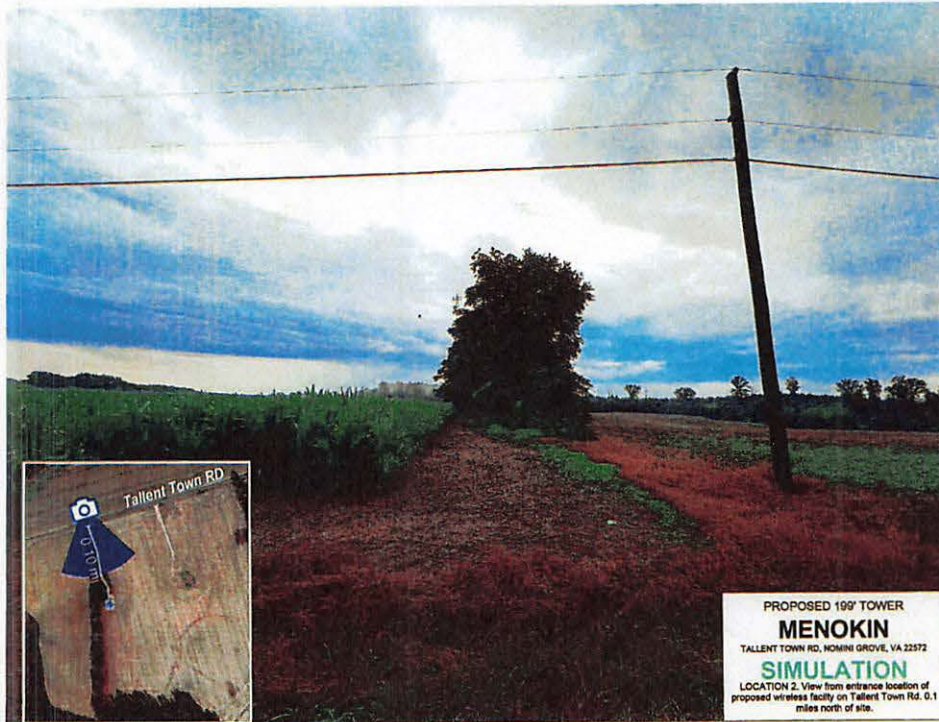
Verizon Wireless
180 Washington Valley Road
Bedminster, NJ 07921
Attention: Network Real Estate

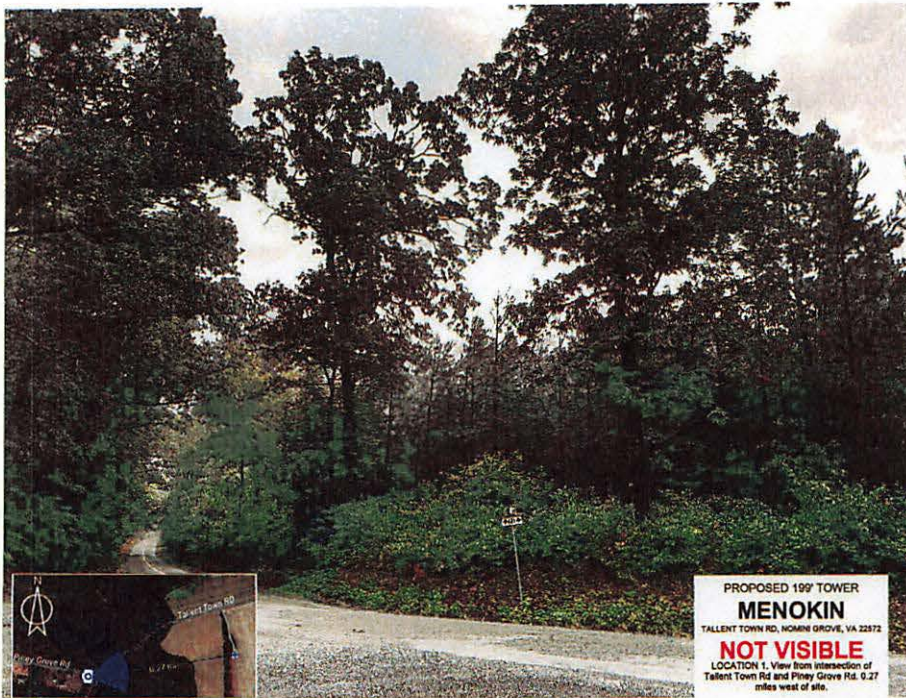
Exhibit G

Photographic Simulations









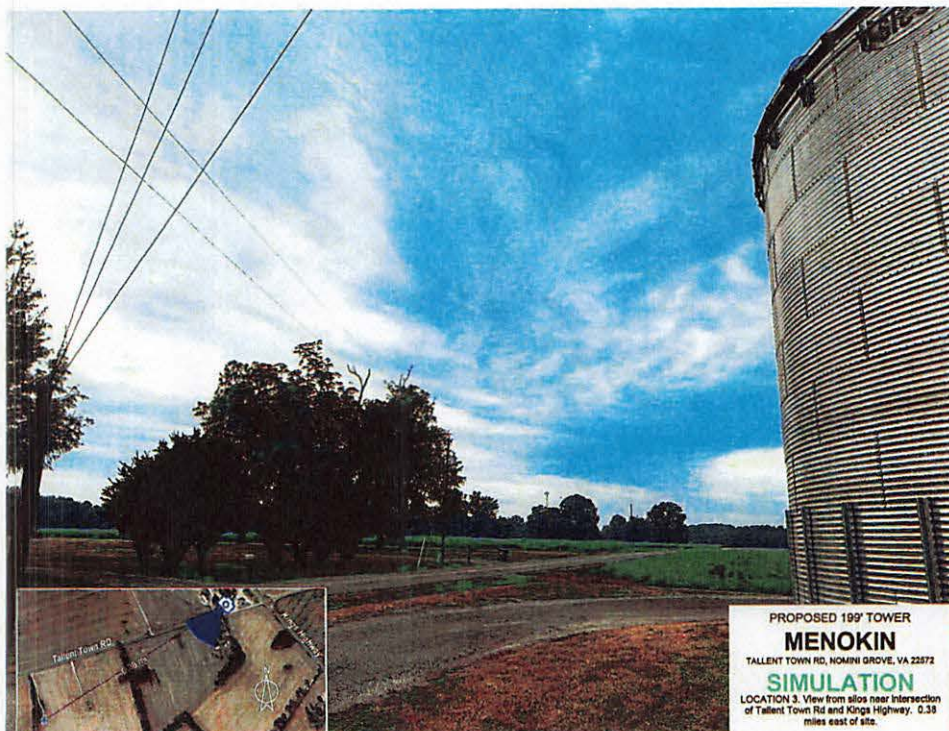


Exhibit H

Intermod Report

CO-LOCATION INTERFERENCE ANALYSIS REPORT

Verizon Wireless
Menokin
Next to 23392 Kings Highway / Tallent Town Road
Nomini Grove, VA 22572

Delivered: July 23, 2024

EBI Project Number: 023634-PR



Prepared by:
EBI Consulting
21 B Street
Burlington, MA 01803

Professional Engineer Review Stamp



sealed 23jul2024 mike@h2dc.com
H2DC PLLC VA CoA# 0413000651

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Verizon Wireless - Menokin (Nomini Grove VA)

1.0 Executive Summary

This report presents a radio frequency interference (RFI) analysis which was performed on the Verizon Wireless - Menokin (Nomini Grove VA) site. The RFI analysis consists of transmitter noise, receiver desensitization, intermodulation, harmonic and transmitter spurious output interference. The report consists of Sections that provide details of the communications site, antenna systems, operational frequencies and each interference analysis mode.

A summary of the interference analysis results is depicted in the following Table.

Interference Analysis Mode	Type Mix	Status	Summary	Worst-Case Margin (dB)
Transmitter Noise	N/A	Passed	No Interference was predicted	41.8
Receiver Desensitization	N/A	Passed	No Interference was predicted	58.9
Transmitter Intermodulation	1 Tx	Passed	No Interference was predicted	N/A
Transmitter Intermodulation	2 Tx	Passed	No Interference was predicted	N/A
Transmitter Intermodulation	3 Tx	Passed	No Interference was predicted	N/A
Transmitter Intermodulation	4 Tx	Passed	No Interference was predicted	N/A
Transmitter Intermodulation	5 Tx	Passed	No Interference was predicted	N/A
Receiver Intermodulation	1 Tx	Passed	No Interference was predicted	N/A
Receiver Intermodulation	2 Tx	Passed	No Interference was predicted	N/A
Receiver Intermodulation	3 Tx	Passed	No Interference was predicted	N/A
Receiver Intermodulation	4 Tx	Passed	No Interference was predicted	N/A
Receiver Intermodulation	5 Tx	Passed	No Interference was predicted	N/A
Transmitter Harmonics	N/A	Passed	No Interference was predicted	N/A
Transmitter Spurious Output	N/A	Passed	No Interference was predicted	N/A

The analysis was performed with the setup options depicted in the Table below.

Analysis	Description
Receiver Performance	Receiver Sensitivity Threshold
Receiver Bandwidth	Receiver Dependent
Antenna Patterns Considered	Yes
Measured Antenna Isolation Data	No
Filters/Multicouplers Considered	Yes
Number of Simultaneous Transmitters Mixed	5
Highest Intermodulation Order Tested	7
Condense Intermodulation Hit Quantity	Yes - 1000/Order
TX IM Bandwidth Multiplication	Yes
Tx/Rx Systems Excluded	None
Site File Name	Verizon Wireless - Menokin (Nomini Grove VA).dta
Report File Name	Verizon Wireless - Menokin (Nomini Grove VA).docx
WirelessSiteRFI Software Version	10.1.20C

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2.0 Site Description

The communication systems located at this site are described in this section as well as the configuration of the antenna systems.

The site parameters are:

Site Name: Verizon Wireless - Menokin (Nomini Grove VA)

Site Description: Monopole Facility

Address: Tallent Town Road, Nomini Grove, VA 22572

Latitude: 38.031782 N

Longitude: -76.755515 W

Elevation: 135 feet AMSL

Notes: This analysis was performed between the proposed Verizon Wireless radio systems on the proposed monopole facility located off Tallent Town Road (Next to 23392 Kings Highway) in Nomini Grove, VA. A search was performed utilizing the FCC's active license database to determine if any public safety radio systems are located within a 1-mile radius of the proposed facility. Based upon this search, there were no public safety radio systems located within this 1-mile radius from the proposed facility. A further search outside of the 1-mile radius (out to 3 miles) identified a license for VHF and UHF public safety radio systems licensed to the County of Westmoreland. These radios were included in the analysis and were modeled for completeness.

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2.1 Communications Systems

System	Provider	Technology	Frequency Band
1	Verizon Wireless	LTE	700 MHz Band
2	Verizon Wireless	LTE / 5G	850 MHz - Cellular Band
3	Verizon Wireless	LTE	1900 MHz PCS Band
4	Verizon Wireless	LTE	2100 MHz AWS Band
5	Verizon Wireless	5G	C Band
6	Westmoreland County (WPPW805)	FM Land Mobile	150 - 174 MHz - Land Mobile
7	Westmoreland County (WPPW805) - UHF	FM Land Mobile	420 - 470 MHz - Land Mobile

2.2 Antenna Systems

Ant #	Mfg	Antenna Model	Gain (dBd)	Hgt (ft)	Orient (deg)	Sector	Ant Use	Transmission Line Type	Line Loss (/100')	Line Length (ft)
1	Commscope	NHH-85C-R2B	13.45	192	0	A	Dplx	1/2 in. Foam	0.5	10
2	Commscope	NHH-85C-R2B	13.45	192	120	B	Dplx	1/2 in. Foam	0.5	10
3	Commscope	NHH-85C-R2B	13.45	192	240	C	Dplx	1/2 in. Foam	0.5	10
4	Commscope	NHH-85C-R2B	15.75	192	0	A	Dplx	1/2 in. Foam	0.5	10
5	Commscope	NHH-85C-R2B	15.75	192	120	B	Dplx	1/2 in. Foam	0.5	10
6	Commscope	NHH-85C-R2B	15.75	192	240	C	Dplx	1/2 in. Foam	0.5	10
7	Samsung	MT6413-77A	23.4	192	0	A	Dplx	NA	NA	NA
8	Samsung	MT6413-77A	23.4	192	120	B	Dplx	NA	NA	NA
9	Samsung	MT6413-77A	23.4	192	240	C	Dplx	NA	NA	NA
10	Celwave	PD200	5.6	175	0	A	Tx/Rx	1-5/8 in. Foam	0.28	205
11	Celwave	PD201-1	5.53	165	0	A	Dplx	1-5/8 in. Foam	0.54	195

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3.0 Transmitter Frequencies

Freq #	Ant #	Provider	Model	Technology	Channel Label	ID	Frequency (MHz)	Power (Watts)	BW (KHz)
1	1	Verizon Wireless	Samsung	LTE	1	A	781.500000	160	10000
2	2	Verizon Wireless	Samsung	LTE	1	B	781.500000	160	10000
3	3	Verizon Wireless	Samsung	LTE	1	C	781.500000	160	10000
4	1	Verizon Wireless	Samsung	LTE / 5G	2	D	885.000000	160	10000
5	2	Verizon Wireless	Samsung	LTE / 5G	2	E	885.000000	160	10000
6	3	Verizon Wireless	Samsung	LTE / 5G	2	F	885.000000	160	10000
7	4	Verizon Wireless	Samsung	LTE	4	G	1972.500000	160	5000
8	5	Verizon Wireless	Samsung	LTE	4	H	1972.500000	160	5000
9	6	Verizon Wireless	Samsung	LTE	4	I	1972.500000	160	5000
10	4	Verizon Wireless	Samsung	LTE	1	J	2125.000000	160	10000
11	5	Verizon Wireless	Samsung	LTE	1	K	2125.000000	160	10000
12	6	Verizon Wireless	Samsung	LTE	1	L	2125.000000	160	10000
13	4	Verizon Wireless	Samsung	LTE	1	M	2150.000000	160	10000
14	5	Verizon Wireless	Samsung	LTE	1	N	2150.000000	160	10000
15	6	Verizon Wireless	Samsung	LTE	1	O	2150.000000	160	10000
16	7	Verizon Wireless	Samsung	5G	C1	CJ	3710.000000	20	20000
17	8	Verizon Wireless	Samsung	5G	C1	CK	3710.000000	20	20000
18	9	Verizon Wireless	Samsung	5G	C1	CL	3710.000000	20	20000
19	7	Verizon Wireless	Samsung	5G	C2	CM	3730.000000	20	20000
20	8	Verizon Wireless	Samsung	5G	C2	CN	3730.000000	20	20000
21	9	Verizon Wireless	Samsung	5G	C2	CO	3730.000000	20	20000
22	7	Verizon Wireless	Samsung	5G	C3	CP	3750.000000	20	20000
23	8	Verizon Wireless	Samsung	5G	C3	CQ	3750.000000	20	20000
24	9	Verizon Wireless	Samsung	5G	C3	CR	3750.000000	20	20000
25	7	Verizon Wireless	Samsung	5G	C4	CS	3770.000000	20	20000
26	8	Verizon Wireless	Samsung	5G	C4	CT	3770.000000	20	20000
27	9	Verizon Wireless	Samsung	5G	C4	CU	3770.000000	20	20000
28	7	Verizon Wireless	Samsung	5G	C5	CV	3790.000000	20	20000
29	8	Verizon Wireless	Samsung	5G	C5	CW	3790.000000	20	20000
30	9	Verizon Wireless	Samsung	5G	C5	CX	3790.000000	20	20000
31	7	Verizon Wireless	Samsung	5G	C6	CY	3810.000000	20	20000
32	8	Verizon Wireless	Samsung	5G	C6	CZ	3810.000000	20	20000
33	9	Verizon Wireless	Samsung	5G	C6	DA	3810.000000	20	20000
34	7	Verizon Wireless	Samsung	5G	C7	DB	3830.000000	20	20000
35	8	Verizon Wireless	Samsung	5G	C7	DC	3830.000000	20	20000
36	9	Verizon Wireless	Samsung	5G	C7	DD	3830.000000	20	20000
37	7	Verizon Wireless	Samsung	5G	C8	DE	3850.000000	20	20000
38	8	Verizon Wireless	Samsung	5G	C8	DF	3850.000000	20	20000
39	9	Verizon Wireless	Samsung	5G	C8	DG	3850.000000	20	20000
40	10	Westmoreland County (WPPW805)	Motorola	FM Land Mobile	1	EL	155.205	100	11.2
41	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	2	EM	453.4625	100	11.2
42	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	3	EN	453.4875	100	11.2
43	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	4	EO	453.7125	100	11.2
44	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	5	EP	460.0375	100	11.2
45	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	6	EQ	460.2875	100	11.2
46	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	7	ER	460.5375	100	11.2

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4.0 Receiver Frequencies

Freq #	Ant #	Provider	Model	Technology	Channel Label	ID	Frequency (MHz)	Sen (dBm)	BW (KHz)
1	1	Verizon Wireless	Samsung	LTE	1	A	751.500000	-89	10000
2	2	Verizon Wireless	Samsung	LTE	1	B	751.500000	-89	10000
3	3	Verizon Wireless	Samsung	LTE	1	C	751.500000	-89	10000
4	1	Verizon Wireless	Samsung	LTE / 5G	2	D	840.000000	-89	10000
5	2	Verizon Wireless	Samsung	LTE / 5G	2	E	840.000000	-89	10000
6	3	Verizon Wireless	Samsung	LTE / 5G	2	F	840.000000	-89	10000
7	4	Verizon Wireless	Samsung	LTE	4	G	1892.500000	-92	5000
8	5	Verizon Wireless	Samsung	LTE	4	H	1892.500000	-92	5000
9	6	Verizon Wireless	Samsung	LTE	4	I	1892.500000	-92	5000
10	4	Verizon Wireless	Samsung	LTE	1	J	1725.000000	-89	10000
11	5	Verizon Wireless	Samsung	LTE	1	K	1725.000000	-89	10000
12	6	Verizon Wireless	Samsung	LTE	1	L	1725.000000	-89	10000
13	4	Verizon Wireless	Samsung	LTE	1	M	1750.000000	-89	10000
14	5	Verizon Wireless	Samsung	LTE	1	N	1750.000000	-89	10000
15	6	Verizon Wireless	Samsung	LTE	1	O	1750.000000	-89	10000
16	7	Verizon Wireless	Samsung	5G	C1	CJ	3710.000000	-93	20000
17	8	Verizon Wireless	Samsung	5G	C1	CK	3710.000000	-93	20000
18	9	Verizon Wireless	Samsung	5G	C1	CL	3710.000000	-93	20000
19	7	Verizon Wireless	Samsung	5G	C2	CM	3730.000000	-93	20000
20	8	Verizon Wireless	Samsung	5G	C2	CN	3730.000000	-93	20000
21	9	Verizon Wireless	Samsung	5G	C2	CO	3730.000000	-93	20000
22	7	Verizon Wireless	Samsung	5G	C3	CP	3750.000000	-93	20000
23	8	Verizon Wireless	Samsung	5G	C3	CQ	3750.000000	-93	20000
24	9	Verizon Wireless	Samsung	5G	C3	CR	3750.000000	-93	20000
25	7	Verizon Wireless	Samsung	5G	C4	CS	3770.000000	-93	20000
26	8	Verizon Wireless	Samsung	5G	C4	CT	3770.000000	-93	20000
27	9	Verizon Wireless	Samsung	5G	C4	CU	3770.000000	-93	20000
28	7	Verizon Wireless	Samsung	5G	C5	CV	3790.000000	-93	20000
29	8	Verizon Wireless	Samsung	5G	C5	CW	3790.000000	-93	20000
30	9	Verizon Wireless	Samsung	5G	C5	CX	3790.000000	-93	20000
31	7	Verizon Wireless	Samsung	5G	C6	CY	3810.000000	-93	20000
32	8	Verizon Wireless	Samsung	5G	C6	CZ	3810.000000	-93	20000
33	9	Verizon Wireless	Samsung	5G	C6	DA	3810.000000	-93	20000
34	7	Verizon Wireless	Samsung	5G	C7	DB	3830.000000	-93	20000
35	8	Verizon Wireless	Samsung	5G	C7	DC	3830.000000	-93	20000
36	9	Verizon Wireless	Samsung	5G	C7	DD	3830.000000	-93	20000
37	7	Verizon Wireless	Samsung	5G	C8	DE	3850.000000	-93	20000
38	8	Verizon Wireless	Samsung	5G	C8	DF	3850.000000	-93	20000
39	9	Verizon Wireless	Samsung	5G	C8	DG	3850.000000	-93	20000
40	10	Westmoreland County (WPPW805)	Motorola	FM Land Mobile	1	EL	155.205	-116	11.2
41	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	2	EM	458.4825	-116	11.2
42	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	3	EN	458.4875	-116	11.2
43	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	4	EO	458.7125	-116	11.2
44	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	5	EP	465.0375	-116	11.2
45	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	6	EQ	465.2675	-116	11.2
46	11	Westmoreland County (WPPW805) - UHF	Motorola	FM Land Mobile	7	ER	465.6375	-116	11.2

5.0 Transmitter Noise Analysis

Transmitter noise interference occurs because a transmitter radiates energy on its operating frequency as well as frequencies above and below the assigned frequency. The energy that is radiated above and below the assigned frequency is known as sideband noise energy and extends for several megahertz on either side of the operating frequency. This undesired noise energy can fall within the passband of a nearby receiver even if the receiver's operating frequency is several megahertz away. The transmitter noise appears as "on-channel" noise interference and cannot be filtered out at the receiver. It is on the receiver's operating frequency and competes with the desired signal, which in effect, degrades the operational performance.

The analysis predicts each transmitter's noise signal level present at the input of each receiver. It takes into account the transmitter's noise characteristics, frequency separation, power output, transmission line losses, filters, duplexers, combiners, isolators, multi-couplers and other RF devices that are present in both systems. Additionally, the analysis considers the antenna separation space loss, horizontal and vertical gain components of the antennas as well as how they are mounted on the structure. The gain components are derived from antenna pattern data published by each manufacturer.

The analysis determines how much isolation is required, if any, to prevent receiver performance degradation caused by transmitter noise interference. The Table below depicts the results of this analysis. For each receiver, the transmitter that has the worst-case impact is displayed. The Signal Margin represents the margin in dB, before the receiver's performance is degraded. A negative number indicates that the performance is degraded and the value indicates how much additional isolation is required to prevent receiver performance degradation.

Receiver Provider	Receive Channel	Receive Frequency (MHz)	Transmitter Provider	Transmit Channel	Transmit Frequency (MHz)	Attn Required (dB)	Attn Provided (dB)	Signal Margin (dB)
Verizon Wireless	1	1725.000000	Verizon Wireless	4	1972.500000	33.6	136.6	103
Verizon Wireless	1	1725.000000	Verizon Wireless	4	1972.500000	33.6	136.6	103
Verizon Wireless	1	1725.000000	Verizon Wireless	4	1972.500000	33.6	136.6	103
Verizon Wireless	1	1750.000000	Verizon Wireless	4	1972.500000	33.6	136.6	103
Verizon Wireless	1	1750.000000	Verizon Wireless	4	1972.500000	33.6	136.6	103
Verizon Wireless	1	1750.000000	Verizon Wireless	4	1972.500000	33.6	136.6	103
Verizon Wireless	1	1750.000000	Verizon Wireless	4	1972.500000	33.6	136.6	103
Verizon Wireless	C1	3710.000000	Verizon Wireless	C1	3710.000000	39.6	104.3	64.7
Verizon Wireless	C1	3710.000000	Verizon Wireless	C1	3710.000000	39.6	104	64.4
Verizon Wireless	C1	3710.000000	Verizon Wireless	C1	3710.000000	39.6	104	64.4
Verizon Wireless	C2	3730.000000	Verizon Wireless	C2	3730.000000	39.6	104.4	64.8
Verizon Wireless	C2	3730.000000	Verizon Wireless	C2	3730.000000	39.6	104	64.4
Verizon Wireless	C2	3730.000000	Verizon Wireless	C2	3730.000000	39.6	104	64.4

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Verizon Wireless	C3	3750.000000	Verizon Wireless	C3	3750.000000	39.6	104.4	64.8
Verizon Wireless	C3	3750.000000	Verizon Wireless	C3	3750.000000	39.6	104.1	64.5
Verizon Wireless	C3	3750.000000	Verizon Wireless	C3	3750.000000	39.6	104.1	64.5
Verizon Wireless	C4	3770.000000	Verizon Wireless	C4	3770.000000	39.6	104.5	64.9
Verizon Wireless	C4	3770.000000	Verizon Wireless	C4	3770.000000	39.6	104.1	64.5
Verizon Wireless	C4	3770.000000	Verizon Wireless	C4	3770.000000	39.6	104.1	64.5
Verizon Wireless	C5	3790.000000	Verizon Wireless	C5	3790.000000	39.6	104.5	64.9
Verizon Wireless	C5	3790.000000	Verizon Wireless	C5	3790.000000	39.6	104.2	64.6
Verizon Wireless	C5	3790.000000	Verizon Wireless	C5	3790.000000	39.6	104.2	64.6
Verizon Wireless	C6	3810.000000	Verizon Wireless	C6	3810.000000	39.6	104.5	64.9
Verizon Wireless	C6	3810.000000	Verizon Wireless	C6	3810.000000	39.6	104.2	64.6
Verizon Wireless	C6	3810.000000	Verizon Wireless	C6	3810.000000	39.6	104.2	64.6
Verizon Wireless	C7	3830.000000	Verizon Wireless	C7	3830.000000	39.6	104.6	65
Verizon Wireless	C7	3830.000000	Verizon Wireless	C7	3830.000000	39.6	104.3	64.7
Verizon Wireless	C7	3830.000000	Verizon Wireless	C7	3830.000000	39.6	104.3	64.7
Verizon Wireless	C8	3850.000000	Verizon Wireless	C8	3850.000000	39.6	104.6	65
Verizon Wireless	C8	3850.000000	Verizon Wireless	C8	3850.000000	39.6	104.3	64.7
Verizon Wireless	C8	3850.000000	Verizon Wireless	C8	3850.000000	39.6	104.3	64.7
Westmoreland County (WPPW805) - UHF	2	458.4625	Westmoreland County (WPPW805) - UHF	4	453.7125	57.9	124.1	66.2
Westmoreland County (WPPW805) - UHF	2	458.4625	Westmoreland County (WPPW805) - UHF	5	460.0375	77.6	119.9	42.3
Westmoreland County (WPPW805) - UHF	2	458.4625	Westmoreland County (WPPW805) - UHF	6	460.2875	74.2	122.8	48.6
Westmoreland County (WPPW805) - UHF	2	458.4625	Westmoreland County (WPPW805) - UHF	7	460.6375	69.1	125.8	56.7
Westmoreland County (WPPW805) - UHF	3	458.4875	Westmoreland County (WPPW805) - UHF	4	453.7125	57.8	125.2	67.4
Westmoreland County (WPPW805) - UHF	3	458.4875	Westmoreland County (WPPW805) - UHF	5	460.0375	77.7	119.5	41.8
Westmoreland County (WPPW805) - UHF	3	458.4875	Westmoreland County (WPPW805) - UHF	6	460.2875	74.7	122.5	47.8
Westmoreland County (WPPW805) - UHF	3	458.4875	Westmoreland County (WPPW805) - UHF	7	460.6375	69.3	125.6	56.3

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Westmoreland County (WPPW805) - UHF	4	458.7125	Westmoreland County (WPPW805) - UHF	2	453.4625	56.9	129	72.1
Westmoreland County (WPPW805) - UHF	4	458.7125	Westmoreland County (WPPW805) - UHF	5	460.0375	79.5	126.4	46.9
Westmoreland County (WPPW805) - UHF	4	458.7125	Westmoreland County (WPPW805) - UHF	6	460.2875	77.6	119.9	42.3
Westmoreland County (WPPW805) - UHF	4	458.7125	Westmoreland County (WPPW805) - UHF	7	460.6375	72.3	123.8	51.5
Westmoreland County (WPPW805) - UHF	5	465.0375	Westmoreland County (WPPW805) - UHF	2	453.4625	52	128.7	76.7
Westmoreland County (WPPW805) - UHF	6	465.2875	Westmoreland County (WPPW805) - UHF	2	453.4625	52	128.4	76.4
Westmoreland County (WPPW805) - UHF	7	465.6375	Westmoreland County (WPPW805) - UHF	2	453.4625	52	128	76

Analysis Results: No transmitter noise interference problems were predicted that were determined to be system performance limiting to any operators analyzed in this report. All calculations yielded results that determined, based upon the listed configurations, that there was adequate isolation between all analyzed transmitters and receivers either through physical separation, antenna broadcast pattern gain roll off or filtering and isolation devices considered to be part of the standard transmitter / receiver configuration deployed by the equipment manufacturers listed as part of this analysis.

6.0 Receiver Desensitization Analysis

Receiver desensitization interference occurs when an undesired signal from a nearby "off-frequency" transmitter is sufficiently close to a receiver's operating frequency. The signal may get through the RF selectivity of the receiver. If this undesired signal is of sufficient amplitude, the receiver's critical voltage and current levels are altered and the performance of the receiver is degraded at its operating frequency. The gain of the receiver is reduced, thereby reducing the performance of the receiver.

A transmitter can be operating several megahertz away from the receiver frequency and/or its antenna can be located several thousand feet from the receiver's antenna and still cause interference.

The analysis predicts each transmitter's signal level present at the input of each receiver. It takes into account the transmitter's power output, frequency separation, transmission line losses, filters, duplexers, combiners, isolators, multi-couplers and other RF devices that are present in both systems. Additionally, the analysis considers the antenna separation space loss, horizontal and vertical gain components of the antennas as well as how they are mounted on the structure. The gain components are derived from antenna pattern data published by each manufacturer.

The analysis determines how much isolation is required, if any, to prevent receiver performance degradation caused by receiver desensitization interference. The Table below depicts the results of this analysis. For each receiver, the transmitter that has the worst-case impact is displayed. The Signal Margin represents the margin in dB, before the receiver's performance is degraded. A negative number indicates that the performance is degraded and the value indicates how much additional isolation is required to prevent receiver performance degradation.

Receiver Provider	Receive Channel	Receive Frequency (MHz)	Transmitter Provider	Transmit Channel	Transmit Frequency (MHz)	Attn Required (dB)	Attn Provided (dB)	Signal Margin (dB)
Verizon Wireless	1	1725.000000	Verizon Wireless	4	1972.500000	2	136.6	134.6
Verizon Wireless	1	1725.000000	Verizon Wireless	4	1972.500000	2	136.6	134.6
Verizon Wireless	1	1725.000000	Verizon Wireless	4	1972.500000	2	136.6	134.6
Verizon Wireless	1	1750.000000	Verizon Wireless	4	1972.500000	2	136.6	134.6
Verizon Wireless	1	1750.000000	Verizon Wireless	4	1972.500000	2	136.6	134.6
Verizon Wireless	1	1750.000000	Verizon Wireless	4	1972.500000	2	136.6	134.6
Verizon Wireless	C1	3710.000000	Verizon Wireless	C1	3710.000000	7	104.3	97.3
Verizon Wireless	C1	3710.000000	Verizon Wireless	C1	3710.000000	7	104	97
Verizon Wireless	C1	3710.000000	Verizon Wireless	C1	3710.000000	7	104	97
Verizon Wireless	C2	3730.000000	Verizon Wireless	C2	3730.000000	7	104.4	97.4
Verizon Wireless	C2	3730.000000	Verizon Wireless	C2	3730.000000	7	104	97
Verizon Wireless	C2	3730.000000	Verizon Wireless	C2	3730.000000	7	104	97

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Verizon Wireless	C3	3750.000000	Verizon Wireless	C3	3750.000000	7	104.4	97.4
Verizon Wireless	C3	3750.000000	Verizon Wireless	C3	3750.000000	7	104.1	97.1
Verizon Wireless	C3	3750.000000	Verizon Wireless	C3	3750.000000	7	104.1	97.1
Verizon Wireless	C4	3770.000000	Verizon Wireless	C4	3770.000000	7	104.5	97.5
Verizon Wireless	C4	3770.000000	Verizon Wireless	C4	3770.000000	7	104.1	97.1
Verizon Wireless	C4	3770.000000	Verizon Wireless	C4	3770.000000	7	104.1	97.1
Verizon Wireless	C5	3790.000000	Verizon Wireless	C5	3790.000000	7	104.5	97.5
Verizon Wireless	C5	3790.000000	Verizon Wireless	C5	3790.000000	7	104.2	97.2
Verizon Wireless	C5	3790.000000	Verizon Wireless	C5	3790.000000	7	104.2	97.2
Verizon Wireless	C6	3810.000000	Verizon Wireless	C6	3810.000000	7	104.5	97.5
Verizon Wireless	C6	3810.000000	Verizon Wireless	C6	3810.000000	7	104.2	97.2
Verizon Wireless	C6	3810.000000	Verizon Wireless	C6	3810.000000	7	104.2	97.2
Verizon Wireless	C7	3830.000000	Verizon Wireless	C7	3830.000000	7	104.6	97.6
Verizon Wireless	C7	3830.000000	Verizon Wireless	C7	3830.000000	7	104.3	97.3
Verizon Wireless	C7	3830.000000	Verizon Wireless	C7	3830.000000	7	104.3	97.3
Verizon Wireless	C8	3850.000000	Verizon Wireless	C8	3850.000000	7	104.6	97.6
Verizon Wireless	C8	3850.000000	Verizon Wireless	C8	3850.000000	7	104.3	97.3
Verizon Wireless	C8	3850.000000	Verizon Wireless	C8	3850.000000	7	104.3	97.3
Westmoreland County (WPPW805) - UHF	2	458.4625	Westmoreland County (WPPW805) - UHF	4	453.7125	20	124.1	104.1
Westmoreland County (WPPW805) - UHF	2	458.4625	Westmoreland County (WPPW805) - UHF	5	460.0375	60.1	119.9	59.8
Westmoreland County (WPPW805) - UHF	2	458.4625	Westmoreland County (WPPW805) - UHF	6	460.2875	56.7	122.8	66.1
Westmoreland County (WPPW805) - UHF	2	458.4625	Westmoreland County (WPPW805) - UHF	7	460.6375	52.8	125.8	73
Westmoreland County (WPPW805) - UHF	3	458.4875	Westmoreland County (WPPW805) - UHF	4	453.7125	20	125.2	105.2
Westmoreland County (WPPW805) - UHF	3	458.4875	Westmoreland County (WPPW805) - UHF	5	460.0375	60.6	119.5	58.9
Westmoreland County (WPPW805) - UHF	3	458.4875	Westmoreland County (WPPW805) - UHF	6	460.2875	56.9	122.5	65.6
Westmoreland County (WPPW805) - UHF	3	458.4875	Westmoreland County (WPPW805) - UHF	7	460.6375	53.2	125.6	72.4

Verizon Wireless - Manokin (Nomini Grove VA)

Westmoreland County (WPPW805) - UHF	4	458.7125	Westmoreland County (WPPW805) - UHF	2	453.4625	20	128	109
Westmoreland County (WPPW805) - UHF	4	458.7125	Westmoreland County (WPPW805) - UHF	5	460.0375	66.4	126.4	60
Westmoreland County (WPPW805) - UHF	4	458.7125	Westmoreland County (WPPW805) - UHF	6	460.2875	60.1	119.9	59.8
Westmoreland County (WPPW805) - UHF	4	458.7125	Westmoreland County (WPPW805) - UHF	7	460.6375	65.9	123.8	67.9
Westmoreland County (WPPW805) - UHF	5	465.0375	Westmoreland County (WPPW805) - UHF	2	453.4625	20	128.7	108.7
Westmoreland County (WPPW805) - UHF	6	465.2875	Westmoreland County (WPPW805) - UHF	2	453.4625	20	128.4	108.4
Westmoreland County (WPPW805) - UHF	7	465.6375	Westmoreland County (WPPW805) - UHF	2	453.4625	20	128	108

Analysis Results: No receiver desensitization interference problems were predicted that were determined to be system performance limiting to any operators analyzed in this report. All calculations yielded results that determined, based upon the listed configurations, that there was adequate isolation between all analyzed transmitters and receivers either through physical separation, antenna broadcast pattern gain roll off or filtering and isolation devices considered to be part of the standard transmitter / receiver configuration deployed by the equipment manufacturers listed as part of this analysis.

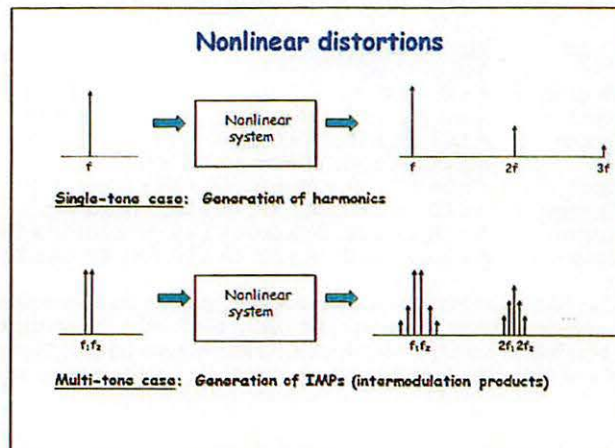
7.0 Intermodulation Interference Analysis

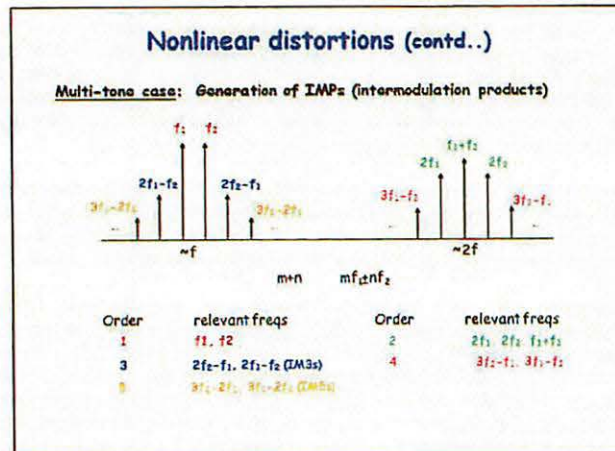
There are three basic categories of Intermodulation (IM) interference. They are receiver produced, transmitter produced, and "other" radiated IM. Transmitter produced IM is the result of one or more transmitters impressing a signal in the non-linear final output stage circuitry of another transmitter, usually via antenna coupling. The IM product frequency is then re-radiated from the transmitter's antenna. Receiver produced IM is the result of two or more transmitter signals mixing in a receiver RF amplifier or mixer stage when operating in a non-linear range.

"Other" radiated IM is the result of transmitter signals mixing in other non-linear junctions. These junctions are usually metallic, such as rusty bolts on a tower, dissimilar metallic junctions, or other non-linear metallic junctions in the area. IM products can also be caused by non-linearity in the transmission system such as antenna, transmission line, or connectors.

Communication sites with co-located transmitters, usually have RF coupling between each transmitter and antenna system. This results in the signals of each transmitter entering the nonlinear final output (PA) circuitry of the other transmitters. When intermodulation (IM) products are created in the output circuitry and they fall within the passband of the final amplifier, the IM products are re-radiated and may interfere with receivers at the same site or at other nearby sites. Additionally, these strong transmitter signals may directly enter a receiver and drive the RF amplifier into a nonlinear operation, or if not filtered effectively by the receiver input circuitry, these signals could mix in the nonlinear circuitry of the receiver front-end or mixer, creating IM products directly in the receiver.

The frequencies of IM mixing are known as nonlinear distortions. The images below depict how these IM products are derived when passing through a nonlinear junction/system.





Below are the mathematical formulae for common IM products. IM products are classified by their "order" (2nd, 3rd, 4th, ...Nth). Some of the more common forms of mixing are illustrated in the following examples. Note that the "A", "B", and "C" designations are the mixing frequencies. The numerical number assigned to the letter designation indicates the harmonic relationship of the frequency. Thus, 2A means the 2nd harmonic of frequency A.

Order	Mixing Formulae
First	$A=B, A=C$, etc.
Second	$A \pm B, A \pm C$, etc.
Third	$A + B - C, A \pm 2B, 2A \pm B$, etc.
Fourth	$A \pm 3B, 2A \pm 2B, 3A \pm B$, etc.
Fifth	$A \pm 4B, 2A \pm 3B, 3A \pm 2B, 4A \pm B$, etc.
Sixth	$A \pm 3B \pm 2C, 2A \pm 2B \pm 2C, 3A \pm 2B \pm C$, etc.
Seventh	$A \pm 6B, 2A \pm 5B, 3A \pm 4B, 4A \pm 3B, 5A \pm 2B$, etc.
Eighth	$A \pm 7B, 2A \pm 6B, 3A \pm 5B, 4A \pm 4B, 5A \pm 3B, 6A \pm 2B$, etc.
Ninth	$A \pm 8B, 2A \pm 7B, 3A \pm 6B, 4A \pm 5B, 5A \pm 4B, 6A \pm 3B$, etc.

The above IM product formulae are just a few of the many possible combinations. When there are four frequencies involved at one time, the mixing possibilities increase tremendously. Not all of the mixing possibilities are significant in creating interference signals. Some fall "out-of-band" of the receiver and the higher order IM products are usually weaker in signal strength.

7.1 Transmitter Generated Intermodulation Analysis

Intermodulation in transmitters occurs when a signal from another transmitter is impressed on the nonlinear final output stage circuitry, usually via antenna coupling. The power level of the IM product is determined by the power level of the incoming extraneous signal from another transmitter and by a conversion loss factor. The conversion loss factor takes into account the mixing efficiency of the transmitter's final output stage. Conversion loss differs with transmitter design, adjustment, frequency separation of the source signals, and with the order of the IM product.

The analysis calculates all possible IM product frequencies that could potentially interfere with receivers at the communications site based on each receiver's individual bandwidth. It then predicts each IM signal level present at the input of each affected receiver. For each IM frequency, the analysis considers all possible sources of IM generation in the transmitters. For example, if there are four transmitters involved, the analysis will calculate the IM signal level that would be generated in each transmitter. For this example, that would be four possible mixing conditions.

The analysis takes into account the transmitter's power output, modulation bandwidth, conversion losses, transmission line losses, filters, duplexers, combiners, isolators, multi-couplers and other RF devices that are present in each system. Additionally, the analysis considers the antenna separation space loss, horizontal and vertical gain components of the antennas as well as how they are mounted on the structure. The gain components are derived from antenna pattern data published by each manufacturer.

The analysis determines how much isolation is required to prevent receiver performance degradation for each IM interference signal that occurs. Receivers experiencing transmitter generated intermodulation interference are depicted in the following Table.

Tx 1 Source Mix Tx		Tx 2 Source		Tx 3 Source		Tx 4 Source		Tx 5 Source		Intermod Hit		Affected Receiver		Attn Need (dB)
ID	Freq (MHz)	ID	Freq (MHz)	ID	Freq (MHz)	ID	Freq (MHz)	ID	Freq (MHz)	Freq (MHz)	Ord	ID	Freq (MHz)	
None														

Analysis Results: The above table lists any transmitter generated IM product that is determined to have potential to noticeably degrade the system performance to any receive systems analyzed as part of this study. Based upon the listed configurations for transmitters, receivers, antenna models, antenna patterns and equipment filtering and isolation specifications it has been determined that no transmitter generated intermodulation interference problems were predicted that have the potential to be system performance limiting to any receivers analyzed in this report. While there are thousands of potential IM product combinations based upon the large number of transmitters located at this facility, all potential products produced yielded values that were below the limit where any noticeable degradation to system performance would be experienced.

7.2 Receiver Generated Intermodulation Analysis

Within a receiver, when two or more strong off-channel signals enter and mix in the receiver and one of the IM product frequencies created coincides with the receiver operating frequency, potential interference results. This internal IM mixing process takes place in the receiver's RF amplifier when it operates in a nonlinear range and/or in the first mixer, which, of course, has been designed to operate as a nonlinear device.

Receivers have a similar conversion loss type factor and receiver performance is commonly described in terms of conversion loss with respect to the 2A - B type products. Here, conversion loss is the ratio of a specified level of A and B to the level of the resulting IM product, when the product is viewed as an equivalent on-channel signal. Receiver conversion loss varies with input levels, AGC action, and product order.

The analysis calculates all possible IM product frequencies that could potentially interfere with receivers at the communications site based on each receiver's individual bandwidth. It then predicts each IM signal level present at the input of each affected receiver. For each IM frequency, the analysis considers that the IM signal is generated directly in the receiver.

The analysis takes into account the transmitter's power output, modulation bandwidth, conversion losses, transmission line losses, filters, duplexers, combiners, isolators, multi-couplers and other RF devices that are present in each system. Additionally, the analysis considers the antenna separation space loss, horizontal and vertical gain components of the antennas as well as how they are mounted on the structure. The gain components are derived from antenna pattern data published by each manufacturer.

The analysis determines how much isolation is required to prevent receiver performance degradation for each IM interference signal that occurs. Receivers experiencing receiver generated intermodulation interference are depicted in the following Table.

Tx 1 Source		Tx 2 Source		Tx 3 Source		Tx 4 Source		Tx 5 Source		Intermod Hit		Affected Receiver		Attn Need (dB)
ID	Freq (MHz)	ID	Freq (MHz)	ID	Freq (MHz)	ID	Freq (MHz)	ID	Freq (MHz)	Freq (MHz)	Ord	ID	Freq (MHz)	
None														

Analysis Results: The above table lists any receiver generated IM product that is determined to have potential to noticeably degrade the system performance to any receive systems analyzed as part of this study. Based upon the listed configurations for transmitters, receivers, antenna models, antenna patterns and equipment filtering and isolation specifications it has been determined that no receiver generated intermodulation interference problems were predicted that have the potential to be system performance limiting to any operators analyzed in this report.

8.0 Transmitter Harmonic Output Interference Analysis

Transmitter harmonic interference is due to non-linear characteristics in a transmitter. The harmonics are typically created due to frequency multipliers and the non-linear design of the final output stage of the transmitter. If the harmonic signal falls within the passband of a nearby receiver and the signal level is of sufficient amplitude, it can degrade the performance of the receiver.

The analysis takes into account the transmitter's harmonic characteristics, output level, transmission line losses, filters, duplexers, combiners, isolators, multi-couplers and other RF devices that are present in each system. Additionally, the analysis considers the antenna separation space loss, horizontal and vertical gain components of the antennas as well as how they are mounted on the structure. The gain components are derived from antenna pattern data published by each manufacturer.

The analysis determines how much isolation is required to prevent receiver performance degradation for any harmonics that fall within a receiver's passband. Receivers experiencing transmitter harmonic interference are depicted in the following Table.

Transmitter		Harmonic		Affected Receiver		Attn Needed (dB)
ID	Frequency (MHz)	Frequency (MHz)	Order	ID	Frequency (MHz)	
None						

Analysis Results: No transmitter generated harmonic interference problems were predicted that have the potential to be system performance limiting to any operators analyzed in this report. The calculations to determine harmful out of band harmonics assumed that proper bandpass filtering was utilized to severely reduce these harmonics to levels below those that could be system performance limiting to any receivers analyzed as part of this analysis.

9.0 Transmitter Spurious Output Interference Analysis

Transmitter spurious output interference can be attributed to many different factors in a transmitter. The generation of spurious frequencies could be due to non-linear characteristics in a transmitter or possibly the physical placement of components and unwanted coupling. If a spurious signal falls within the passband of a nearby receiver and the signal level is of sufficient amplitude, it can degrade the performance of the receiver.

The analysis takes into account a transmitter's spurious output specification, output levels, transmission line losses, filters, duplexers, combiners, isolators, multi-couplers and other RF devices that are present in each system. Additionally, the analysis considers the antenna separation space loss, horizontal and vertical gain components of the antennas as well as how they are mounted on the structure. The gain components are derived from antenna pattern data published by each manufacturer.

Note: With the modern design of transmitters, Spurious interference results are rare. Any results in this Report Section could be from Transmitter Noise or Receiver Desense issues. Refer to report Section 5 or 6. Once any TNRD issues are resolved, it should clear up any Spurious Issues being reported.

The analysis determines how much isolation is required to prevent receiver performance degradation for any transmitter spurious signals that fall within a receiver's passband. Receivers experiencing transmitter spurious output interference are depicted in the following Table.

Transmitter		Affected Receiver		Atn Needed (dB)
ID	Frequency (MHz)	ID	Frequency (MHz)	
None				

Analysis Results: No transmitter generated spurious emission interference problems were predicted that have the potential to be system performance limiting to any operators analyzed in this report. The calculations to determine harmful off channel emissions assumed that proper bandpass filtering was utilized to severely reduce these products to levels below those that could be system performance limiting to any receivers analyzed as part of this analysis.

10.0 Summary & Limitations

Based upon the data received regarding the proposed radio equipment to be utilized by Verizon Wireless and the existing radio system utilized by the County of Westmoreland, there should not be any negative impact to the performance of any radio systems, proposed or existing, identified in this report from the proposed Verizon Wireless installation based upon calculations performed utilizing the radio configurations described in this report.

This analysis was performed solely based upon microwave radio configuration data provided by Verizon Wireless and a query of the FCC's active license database. In certain instances, where assumptions were required, industry standard values were utilized for variables such as transmission power levels, filter response curves, combining schemes and other configuration variables if not provided by the parties listed above. The scope of this study was limited to radio systems identified in this report exclusively. It does not take into account emissions from surrounding radio sources.

As identified in the various sections of this report, the potential is present for certain forms of interference to exist. However, based upon the supplied and assumed radio system configurations, the isolation provided by physical separation, Antenna pattern gain roll off, filtering variables and isolation devices appears adequate to allow these radio systems to co-exist as outlined in the drawings and configuration documents provided by Verizon Wireless.

This analysis was also performed assuming that all radio equipment including lines and antennas are performing to manufacturers specifications. Each system was analyzed assuming proper filtering was used to maintain compliance with all FCC licenses and reduce out of band emissions.

5. COUNTY ADMINISTRATOR'S REPORT

a. Board of Supervisor's Retreat

Mr. Taylor thanked the Board for welcoming him to the County and for their confidence in him. He stated that he enjoyed getting to know people last week and learning more about the county's operations. He recognized Donna Cogswell, Assistant County Administrator for keeping the ship afloat and moving ahead while she was serving as Interim County Administrator and for helping him get up to speed on things throughout the County. He stated that she is an incredible asset to Westmoreland County and that he appreciates her very much.

Mr. Taylor stated that he was able to attend the tree-lighting ceremony on Friday night in town. He thanked all of the volunteers for making that night possible. It was a great turnout on a cold night. He stated that Colonial Beach held a Winter Festival on Saturday, and Stratford Hall and James Monroe Birthplace are holding events within the next couple of weeks, too.

Mr. Taylor stated that the Shop with the Sheriff Program is setting new records this year and raising almost \$20,000 to support about 40 kids, this program will make a big difference to many people around the holidays, providing special gifts and clothing to many children

Mr. Taylor stated that there will be a delinquent land sale on Thursday, December 12, 2024, at 11:00 a.m. in the Board room. They currently have 16 parcels that will be auctioned off. He noted that the Treasurer's Office has packets available if anyone is interested.

Mr. Taylor stated that The Treasurer's Office had a busy week last week with people coming in to pay taxes and the staff stepped up and did a great job.

He stated that they are looking forward to the Board of Supervisors Retreat on December 11, 2024, from 9:00 a.m. to 3:00 p.m. at the Northern Neck Technical Center. It will allow them to discuss some administrative items and begin the strategic planning process to chart their path moving forward. He noted that every board member was given a worksheet to think about for the retreat on Wednesday.

The Chairman stated that the County Administrator hit the ground running. The chairman also thanked the treasurer and staff for their dedication and for making things run smoothly during the busy time.

Sue Jones, Treasurer, came to the podium and stated that they were busy for two weeks before the due date. She stated that as of today, December 9, 2024, they had collected 77% of the Personal Property Tax, and 91% of the Real Estate Tax, and toad they received mail dated December 2, 2024, and it will be postmarked for the 5th of December.

**** Board of Supervisors Retreat Agenda on next page ****

**Westmoreland County
Board of Supervisors Retreat
December 11, 2024
Northern Neck Technical Center**



- 9:00 a.m. Arrival**
- 9:30 a.m. Tour of Facility**
- 10:00 a.m. Welcome and Goal Setting**
- 10:30 a.m. Process Review**
 - 1. Board Rules
 - a. Annual review process of rules
 - b. 2025 Board Meeting Schedule
 - c. Agenda Setting Process
 - 2. Budget process review and timeline
- 11:30 a.m. Strategic Plan Review**
 - 1. Process for Review
 - a. Mission, Vision, and Values
 - b. Citizen engagement
 - c. Proposed timeline
 - 2. Strategic Plan Priorities Discussion
- 12:30 p.m. Lunch – prepared by students**
- 1:30 p.m. Strategic Planning (continued)**
 - 1. Strategic Plan Priorities Discussion continued, including additional suggestions
 - 2. Prioritizing the path forward
- 3:00 p.m. Adjourn**

6. PUBLIC COMMENT

The Chairman stated that they had reached the public comment portion of the meeting, which is when any member of the public wishes to address the Board. He asked the public to try and keep their comments to three minutes, state their name for the record, and if anyone asks a question, the Board is entitled to answer now or take the question under advisement and answer at a later date when they have received the proper information. Below are the people who came to the podium to speak during the public comment period.

Richard Wilkins

Mr. Wilkins stated that he has filled out numerous public comment sheets for about a year now and has not had anyone follow up with him on any of his comments. He thanked Ms. Cogswell for helping him with any issue he had called about. He read a passage that said. "You need to be decisive, right or wrong, in making a decision. The road is paved with flat squirrels that can't make a decision. "

Mike Mills

He stated that he had brought up the topic of rotating the Chairman position. He noted that they have a lot of able bodies on the Board and thought it would be good to see what they can do in that position.

Sue Jones

Ms. Jones thanked the Board for granting the request for EMS for their new cardiac equipment. She noted that 9 years ago, her husband had a heart attack, and she credited the Westmoreland County Rescue Squad for saving his life. She thanked the Board for making sure everything was up to date because you never know when you will need them.

Larry Hinson

He thanked Chief Byrd and staff for doing a great job. He stated that at the last meeting he talked about trash pickup on Route 3, Kings Highway, he spoke to a few Board members and hopefully something will be scheduled after the holidays. He stated that from Colonial Beach to King George on Route 3 is horrible. There is a lot of trash that needs to be picked up and he would be able to help at any time. He noted that he, Mr. Levin, Trivett and Mr. Wilkins did some work at James Monroe Birthplace. They got the logs out of the trails, all the overhang has been cut back. He stated that he will be going back to do stump grinding and by the spring everything should be beautiful and encouraged everyone to come and take a look. He thanked Mr. Levin for all his hard work.

Let the record show that no one else came to the podium to speak, and the Chairman closed the public comment portion of the meeting.

a. Closed Session under section 2.2-3711.A1 to discuss the Assistant County Administrator's performance and salary.

The Chairman stated that the agenda was amended to have a closed session, which was put at the end of the agenda, so that all other business was covered.

Chairman Fisher asked for a motion to go into closed session under section 2.2-3711.A1 to discuss the Assistant County Administrator's performance and salary. He asked if there was any further discussion before calling for the vote.

Mr. McCormack stated that they have had a challenging year and has learned a lot from the Board. He thanked the public and the County employees for their patience. He also thanked the other Board members for being reasonable men and being able to reason with each other, even when there were times when that was difficult. He wished everyone a Merry Christmas and Happy Holidays.

The Chairman stated that 2024 was a year but he learned that when you put a group of reasonable individuals together and they set their individualism aside and put the County first. He stated that they are at a point now where they have done what was in the best interest of the county and are now reaping the benefits. He noted that he looks forward to moving into 2025 with the same group and doing the same thing. The right decisions will follow as long as they put the residents and this county first. He wished everyone a Merry Christmas and asked everyone to appreciate family, and you don't choose their family. He stated not to put off today for tomorrow because tomorrow may talk without you. Chairman Fisher stated that he looks forward to working with the Board members, the new county administrator, and staff. There has been a lot of turnover through the ranks, and there is a new team. He thanked all of the Board members for the privilege and for doing what he was asked and what he could. He stated that he hopes to have the wisdom to know when he cannot do it anymore.

Mr. Ingram stated to the community that they are appreciated and heard and do want their input, moving forward into 2025. He noted that they hope to come with some great ideas and want the community engagement. He asked for the community to look in the future for things to help with that. He recognized 1st Sargent Antwan and stated that he is an extraordinary gentlemen, is the definition of what a gentlemen is and the way he is a community liaison is such an important role in the community. He stated that Shop with the Sherriff is an amazing program and that almost 40 kids will have an amazing Christmas because of partners and amazing individuals like 1st Sargent Antwan, the Sherriff, and many others who made it all possible. He also thanked the entire Westmoreland County Crew, including those working in the County Admin building. EMS, and the Volunteer Firefighters for their time and effort. He noted that you could not spell Community without unity.

Mr. Trivett stated that as he looked around the room, many of the same people come to every meeting and is unsure why they do that. He noted that they care about what happens in the community and local government. He thanked everyone for coming and caring about their county. He stated that they love this county and if they didn't they would put the many hours into doing what they think is best for the residents. They enjoy

the comments, some aren't always positive but they have something important to say. They listen to what everyone says and they do listen. They may not get back right away but they are working on it. He thanked Chief Byrd for everything he has done; they have had a lot of meetings to get 24-hour coverage in the 5th district, and there were a lot of people that played an important role, and it has saved many lives. EMS is very important, and they need the proper equipment to do their job. He also thanked Social Services; it has been a tough year for them. Through the leadership of Social Services, they have seen a lot of progress. He thanked Ms. Cogswell for all of her hard work and for making sure everything ran smoothly. He stated that all of those things combined were a blessing for the entire year, even though some parts were a bit short, they may have made the wrong decision or not the nicest. He wished everyone a Merry Christmas and looks forward to what will come next year.

Mr. Hynson stated that he knows next year would be better and thanked everyone for being here and the important thing is to make sure everyone listens to each other, and to separate the good from the bad.

With no further discussion, upon motion by Mr. Hynson, seconded by Mr. McCormack, carried unanimously, the Board moved into closed session.

RECORDING WAS STOPPED, AND THE MEETING MOVED TO CLOSED SESSION

Chairman Fisher asked for a motion to return to Regular Session from Closed Session. Upon motion by Mr. Trivett, seconded by Mr. McCormack and carried unanimously, the Board meeting returned to regular session from closed session.

Chairman Fisher then asked for a Certification Motion stating that nothing other than what was listed on the call under Sec 2.2-3711(A)(1) was discussed during Closed Session and no action was taken. Upon motion by Mr. McCormack, seconded Mr. Hynson and carried unanimously, Mr. Ingram, Mr. Trivett, Mr. McCormack, Mr. Hynson, and the Chairman voted "aye". The Certification Motion was approved.

7. ADJOURNMENT

Chairman Fisher asked if there was any further business to come before the Board and if there was a need to recess this meeting until the retreat on Wednesday.

Mr. Ingram stated no.

Mr. McCormack asked if the retreat is open to the public.

Mr. Ingram stated no is wasn't open to the public.

Mr. Taylor stated that since it is advertised as a public meeting, it is open to the public.

Mr. Trivett stated that he has never seen anyone come to one

Mr. Taylor asked if there were any accommodations for any residents who would like to come.

Mr. Ingram stated that it is a small conference room, but they will make arrangements if anyone shows up, but they have to get their food.

The Chairman thanked everyone for allowing him the opportunity to serve as Chairman and he hoped that he conducted himself in a way that was pleasing to everyone on the Board. He thanked Keri Cusick, Director of Social Services for still being present after the closed session. He thanked her for all of her hard work, through all of the challenges she has faced and for her to continue to be steadfast. The agency will grow to be what she is hoping to be and build it to. He stated that the Board is here to be supportive. Chairman Fisher read a verse from the bible, "He chastises that he loveth". He noted that hatred it for you to make things better and grow.

The Chairman asked if there was any further business to come before the Board, if not he asked for a motion to adjourn.

With no further business, upon motion by Mr. Hynson, seconded by Mr. McCormack, carried unanimously. The Board adjourned the meeting at 8:30 p.m.

Next scheduled meeting is Monday, January 13, 2024 at 6:00 p.m. in the George D. English, Sr. Memorial Building.


Chairman, _____