



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **35908** | Service: **DTV** | Call **WVLT-TV** | Channel: **34 (UHF)**  
ID: | Sign:  
File **0000028735**  
Number:  
FRN: **0018223693** | Date **09/24**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>GRAY TELEVISION LICENSEE, LLC</b>	WVLT	+1 (865)	robert.	Limited
	6450 PAPERMILL DRIVE KNOXVILLE, TN 37919 United States	450-8888	folliard@gray.tv	Liability Company

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Samuel Hariton</b> <i>Widely</i>	Samuel Hariton 4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widelity.com

**Broadcaster  
Information  
and  
Transition  
Plan**

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	The station will continue to use the existing broadband antenna and transmission line and replacing the existing transmitter with a new transmitter. Interim facilities are not needed.

**Transmitters**

Section	Question	Response
<b>Transmitter Related Expenses</b>	Do you have transmitter related expenses?	Yes

**Primary  
Transmitter**

**Existing Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	Sigma DD, 3200P2CFUPG
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 kW

**Primary Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	56.4 kW
	Justification for New Transmitter	Transmitter cannot be retuned and must be replaced.

**Primary Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes

	Description	The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	20 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
<b>RF Accessories</b>	Accessories required for new transmitter installation
<b>Installation and Proof</b>	Installation of the new Transmitter

<b>Mask Filter</b>	Mask filter required for the new transmitter model
<b>Freight</b>	Freight to the station location

<b>Antennas</b>	<b>Section</b>	<b>Question</b>	<b>Response</b>
		<b>Antenna Related Expenses</b>	Do you have antenna related expenses?

<b>Transmission Line</b>	<b>Section</b>	<b>Question</b>	<b>Response</b>
		<b>Transmission Line Related Expenses</b>	Do you have transmission line related expenses?

<b>Tower Equipment And Rigging Costs</b>	<b>Section</b>	<b>Question</b>	<b>Response</b>
		<b>Tower Equipment or Rigging Costs Changes</b>	Do you have tower equipment or rigging costs changes?

<b>Outside Professional Services Costs</b>	<b>Section</b>	<b>Question</b>	<b>Response</b>
	<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
		Number of Hours	900
		Explanation	Strategic Support
	<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
		Prepare engineering section of Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	No
For Main Facility		Yes	
Prepare request for Special Temporary Authority		Yes	

	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
Prepare or Review FCC Form 399 for Reimbursement	Yes	
Address transition timing and coordination issues w/ other stations and wireless providers	Yes	
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No



Number of Days	N/A
Justification	N/A

**Outside  
Professional  
Services  
Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
<b>Sweep Test of Existing Antenna</b>	WVLT's share of sweep test costs during transition as part of ATC Capital Contribution. See ATC document 460204845
<b>Sweep Test of New Primary Antenna</b>	WVLT's share of sweep test costs post-transition as part of ATC Capital Contribution. See ATC document 460204845

**Other Expenses**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
<b>Permit and Filing Costs</b>	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

<b>Name</b>	<b>Description</b>
<b>Combiner</b>	Anticipated 1/3 expense on new combiner TBD by American Tower
<b>Security</b>	On site security during equipment storage period
<b>Tower Analysis</b>	Tower Analysis required by American Tower

**Cost Information**

**Transmitters**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Transmitter ULXTE90</b>	<b>\$2,181,882.01</b>	<b>\$1,608,808.66</b>		<b>\$1,018,705.97</b>	
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$2,943.91	GatesAir Quote Q-75837	N/A	N/A
Freight	<i>\$15,541.46</i>	\$15,541.46	Please see Estimated Cost Justification WVLT-110-Freight v0	\$9,450.00	z
Mask Filter	<i>\$80,680.12</i>	\$80,680.12	Please see Estimated Cost Justification WVLT-110-Mask Filter System v0	\$52,398.48	N/A
Installation and Proof	<i>\$92,314.35</i>	\$92,314.35	Please see attached Gatesair invoice JW30004400-1	\$64,620.04	N/A
RF Accessories	<i>\$40,944.26</i>	\$40,944.26	Please see Estimated Cost Justification WVLT-110-RF Accessories v0	\$26,591.64	N/A

20 Ton system	\$115,500.00	\$29,616.85	Please see Estimated Cost Justification WVLT-110-HVAC New 1st Primary Transmitter v0	N/A	N/A
Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.	<b>\$12,101.82</b>	\$12,101.82	Please see attached Gatesair invoice JW30004400-1	\$8,471.27	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,334,665.89	Please see Estimated Cost Justification WVLT-110-New 1st Primary Transmitter v0	\$857,174.54	N/A
<b>Sub-total</b>	\$2,181,882.01	\$1,608,808.66	N/A	\$1,018,705.97	N/A
<b>Total for all systems</b>	\$2,666,681.64	\$2,080,462.17	N/A	\$1,200,664.47	N/A

## Components

Actual Information Description	File Name
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Transformer 3 phase/480v - 300 KVA	Information not provided.	
Freight	<b>Component Description:</b> <b>Amount:</b>	Freight \$9,450.00
Mask Filter	<b>Component Description:</b> <b>Amount:</b>	Mask Filter \$52,398.48
Installation and Proof	<b>Component Description:</b> <b>Amount:</b>	Installation & Proof \$64,620.04
RF Accessories	<b>Component Description:</b> <b>Amount:</b>	RF Accessories \$26,591.64
20 Ton system	<b>Component Description:</b> <b>Amount:</b>	20 Ton Installation for Sharps Ridge Site \$7,374.00
	<b>Component Description:</b> <b>Amount:</b>	20 Ton Installation for Sharps Ridge Site \$22,123.00
Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.	<b>Component Description:</b> <b>Amount:</b>	Electrical Service \$8,471.27

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UHF - Liquid Cooled Solid  
State Transmitter 52 - 61 kW

**Component Description:**  
**Amount:**

Transmitter  
\$857,174.54

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**Cost Information** **Antennas**  
Information not provided.

**Cost Information** **Transmission Line**  
Information not provided.

**Cost Information** **Tower Equipment and Rigging Costs**  
Information not provided.

**Cost Information** **Outside Professional Services**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$260,930.00</b>	<b>\$256,471.38</b>		<b>\$78,468.85</b>	
Sweep Test of New Primary Antenna	<i>\$5,000.00</i>	\$5,000.00	See ATC document 460204845 - WVLT's share of sweep test costs post transition as part of ATC Capital Contribution.	\$5,000.00	N/A
Sweep Test of Existing Antenna	<i>\$2,500.00</i>	\$2,500.00	See ATC document 460204845 - WVLT's share of sweep test costs during transition as part of ATC Capital Contribution.	\$2,500.00	N/A



Comprehensive coverage verification via field study, if needed	\$84,200.00	\$87,400.00	Allen Dick antenna system has no documentation, will require coverage verification for new channel.	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,462.50	State and local taxes included	\$196.50	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$625.00	N/A	\$625.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,638.75	State and local taxes included	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,277.50	State and local taxes included	\$1,687.50	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,647.00	State and local taxes included	\$5,537.50	N/A

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,731.25	State and local taxes included	\$1,332.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,731.25	State and Local Taxes included	N/A	N/A
Project management of the transition	\$142,200.00	\$135,000.00	900 hours at \$150 per hour	\$61,590.35	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,458.13	State and local taxes included	N/A	N/A
<b>Sub-total</b>	\$260,930.00	\$256,471.38	N/A	\$78,468.85	N/A
<b>Total for all systems</b>	\$2,666,681.64	\$2,080,462.17	N/A	\$1,200,664.47	N/A

## Components

Actual Information	
Description	File Name
Sweep Test of New Primary Antenna	<p><b>Component Description:</b> Sweep Test of New Primary Antenna</p> <p><b>Amount:</b> \$5,000.00</p>
Sweep Test of Existing Antenna	<p><b>Component Description:</b> Sweep Test of Existing Antenna</p> <p><b>Amount:</b> \$2,500.00</p>

Comprehensive coverage verification via field study, if needed	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<p><b>Component Description:</b> Work on and file WVLT initial repack CP</p> <p><b>Amount:</b> \$196.50</p>
Prepare request for Special Temporary Authorization	<p><b>Component Description:</b> Develop technical parameters for operation at reduced power on pre-auction ch-30.</p> <p><b>Amount:</b> \$625.00</p>
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p><b>Component Description:</b> support response to review of reimbursement form 399</p> <p><b>Amount:</b> \$125.00</p> <p><b>Component Description:</b> CP application</p> <p><b>Amount:</b> \$1,562.50</p>
Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b> Perform engineering study for new channel assignment</p> <p><b>Amount:</b> \$537.50</p> <p><b>Component Description:</b> RF Eng Study</p> <p><b>Amount:</b> \$5,000.00</p>

<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p><b>Component Description:</b> Review linked set for WVLT; work on coordination with linked group for transition logistics.</p> <p><b>Amount:</b> \$1,332.00</p>
<p>Prepare and or review reimbursement form</p>	<p>Information not provided.</p>
<p>Project management of the transition</p>	<p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$2,373.80</p> <p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$2,034.20</p> <p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$1,984.45</p> <p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$2,777.30</p> <p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$2,158.20</p> <p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$2,034.35</p> <p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$1,642.75</p>

**Component Description:** Project Management  
**Amount:** \$1,835.40

**Component Description:** Project Management  
**Amount:** \$2,273.85

**Component Description:** Project Mgt  
**Amount:** \$2,656.30

**Component Description:** Project Management  
**Amount:** \$3,883.15

**Component Description:** Project Management  
**Amount:** \$2,071.40

**Component Description:** Project Management  
**Amount:** \$1,941.85

**Component Description:** Transition Related Project Management Costs  
**Amount:** \$2,100.00

**Component Description:** Project Mgt  
**Amount:** \$951.45

**Component Description:** Project Management  
**Amount:** \$1,656.85

**Component Description:** Project Management  
**Amount:** \$2,881.20

**Component Description:** Project management  
**Amount:** \$2,442.65

**Component Description:** Project management  
**Amount:** \$2,231.90

**Component Description:** Project management  
**Amount:** \$1,328.55

**Component Description:** Project Management  
**Amount:** \$2,664.70

**Component Description:** Project Management  
**Amount:** \$2,397.10

**Component Description:** Project Management  
**Amount:** \$1,818.75

**Component Description:** Project Management  
**Amount:** \$2,314.90

**Component Description:** Project Mgt  
**Amount:** \$755.80

	<p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$2,694.40</p> <p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$1,927.35</p> <p><b>Component Description:</b> Project Mgt</p> <p><b>Amount:</b> \$2,927.30</p> <p><b>Component Description:</b> Project Mgt</p> <p><b>Amount:</b> \$802.25</p> <p><b>Component Description:</b> Project Mgt</p> <p><b>Amount:</b> \$28.20</p>
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>

**Cost Information**

**Other Expenses**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$223,869.63</b>	<b>\$215,182.13</b>		<b>\$73,992.65</b>	
Tower Analysis	<i>\$7,500.00</i>	\$7,500.00	See vendor invoice	N/A	N/A
Security	<i>\$12,000.00</i>	\$12,000.00	N/A	N/A	N/A
Combiner	<i>\$109,814.63</i>	\$109,814.63	See American Tower attachment	\$71,200.00	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	Justifying Quote - Wiley Rein MVPD quote - all gray stations	\$2,000.00	N/A
Develop and air announcement of upcoming channel change	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
Equipment Storage	<i>\$12,000.00</i>	\$12,000.00	N/A	\$792.65	N/A
Equipment Delivery and Handling Charges	<i>\$18,138.00</i>	\$18,138.00	N/A	N/A	N/A



Disposal Costs (for equipment and other waste, net of any salvage value)	<b><i>\$40,337.00</i></b>	\$40,337.00	See attached Funderburk Electrical Services, Inc. quote for transformer removal and disposal, cost \$4,912. See attached quote from Kevin Duplantis for transmitter removal and disposal, cost per quote, \$35,425.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,877.50	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
<b>Sub-total</b>	\$223,869.63	\$215,182.13	N/A	\$73,992.65	N/A
<b>Total for all systems</b>	\$2,666,681.64	\$2,080,462.17	N/A	\$1,200,664.47	N/A

## Components

Actual Information Description	File Name
Tower Analysis	Information not provided.
Security	Information not provided.
Combiner	<p><b>Component Description:</b> Capital Contribution-Knoxville TN</p> <p><b>Amount:</b> \$71,200.00</p>
MVPD Notification of Channel Change	<p><b>Component Description:</b> Total Professional Services</p> <p><b>Amount:</b> \$2,000.00</p>
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	<p><b>Component Description:</b> 25'X10' PREMIUM DOOR CONTAINER DX25SZJ1092</p> <p><b>Amount:</b> \$792.65</p>
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
DTV Medical Facility Notification	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

**Cost Information** **Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$2,666,681.64	\$2,080,462.17	\$1,200,664.47

**Reimbursement Status**

<b>Question</b>	<b>Response</b>
The facility has ceased operating on its pre-auction channel.	No
Construction of final facilities or all necessary modifications are complete.	No
All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	<p><b>Submission of Estimated Expenses Statements</b></p>	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Robert  
Folliard , III**  
.  
*Assistant  
Secretary*

09/24/2019

## Attachments