



Josh Arneson &lt;jarneson@richmondvt.gov&gt;

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## Vermont Electric Cooperative - Snipe Ireland Rd Project

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**Williams, Tucker** <twilliams@vermontelectric.coop>

Thu, Nov 11, 2021 at 10:15 AM

To: "jarneson@richmondvt.gov" &lt;jarneson@richmondvt.gov&gt;, "kdaubstearns@richmondvt.gov" &lt;kdaubstearns@richmondvt.gov&gt;, "pgosselin@richmondvt.gov" &lt;pgosselin@richmondvt.gov&gt;

Good Morning Josh, Kathy and Peter,

Vermont Electric Cooperative is hoping to complete a line relocation project along Snipe Ireland Rd in Richmond next year and I was hoping I could connect with the right town representatives to meet on site and discuss the project. VEC is proposing to relocate existing overhead lines with poor conductor that run off road through some swampy/rough terrain and replace it with new primary underground power along the side of the road for approximately 3,700', then transition back to overhead for ~750' (4 new poles) to cross a stream and tie back into VEC's existing overhead line near the road. No tree clearing is anticipated.

I believe representatives from VEC (my predecessors) may have already discussed the project with you multiple years ago, so you may be somewhat familiar with the location. This would be a significant reliability improvement for VEC members served downstream of this section of line, and my understanding is that the affected landowners are all supportive of the project.

Ultimately, VEC is looking to obtain a road ROW occupancy permit from the town of Richmond once we finalize a design that works for all stakeholders. Attached is a screenshot that shows the approximate route of the proposed relocation (dotted blue line = new underground, solid blue lines = new overhead line, red x = existing overhead line to be retired). Ideally, there would be fiberglass junction vaults every ~550' along the new underground section.

Can you please confirm with me who the best contact is to meet with on site. My schedule is very flexible, so I can schedule a site visit whenever is most convenient with you guys.

Please let me know if you have any questions or concerns ahead of time and when might work best to meet on site.

Thanks,

Tucker Williams

Utility Designer

Vermont Electric Cooperative

[twilliams@vermontelectric.coop](mailto:twilliams@vermontelectric.coop)

(802) 730-1139

**IMPORTANT NOTICE: If you see VEC crews in the field PLEASE DO NOT APPROACH THEM UNLESS ABSOLUTELY NECESSARY. If you must approach, speak to them from a distance and respect physical**

**distancing guidelines of SIX FEET MINIMUM. Please help us keep our field crews, families and community safe. Thank you!**



**Capture.JPG**  
123K

**Work Order #: 2016001523**

**Account Number:**  
**Name:** RICHMOND, SNIPE ISLAND RD  
**Description:** LINE CHANGE CS  
**Service Location:** RICHMOND SNIPE ISLAND RD  
**Substation:** 8 - RICHMOND **Point #:** 1F5A  
**Feeder:** 1 **Phase:** B  
**kV:** 7.2 **Primary Wire Size:** 1/0 AAAC

**Do W/ Another WO:**  
**Coordinate With member:**  
**Coordinate With Contractor:**  
**Coordinate With Meter Tech:**  
**Dig Safe:**  
**Staking Sheet By:** JORDAN DOYON  
**Equipment Needed:**

**Traffic:**  
**Contractor:**  
**Inspection:**  
  
**Date:** 01/21/2022

**Actual Ruling Span:** 0  
**District Office:**  
**Labor Hours:** 0

E = Existing  
R = Retired  
C = Construction



<b>Scheduling/Outages:</b>	<b>Completed By</b>	<b>Completed Date</b>

E R O R C	PRIMARY											GUY & ANCHOR			SECONDARY			METER OR LOOP	
	STATION NUMBER	TEL#	RD CL	POLE HEIGHT & CLASS	PRIMARY UNIT	BACK SPAN (FT.)	WIRE SIZE	MISC UNIT	LAT/LONG	XFMR	SIZE	GRND UNIT	GUY	LEAD	ANCHOR UNIT	UNIT "J OR K"	WIRE SIZE		SPAN FEET
E	30D 20 39 VX1							(3) UM3-1	44.410113 -72.944992										
E								UM6-6											
E								UM1-4A											
E								UM1-4											
E								UM3-03											
E	Pedestal								44.41218 -72.942601										MOS 200
R																	(54) D1-4	54	
C						54	UD-PRI 2.5										(54) UK3-4/0	54	
E	30D 20 39 VX2					1260	UD2-1/0 220		44.412244 -72.942416										
E						1260	UD-PRI 2.5												
R				JO45-2	A5			M52-3		G105 10	10	M2-3			LU2-27				
R								(3) M5-27 2.5											
R								UM2-ICA 2.5											
R								UM3-4R											
R								(3) M5-27											
C								UM1-4		PAD MT 15	15								
C								UM6-6											
C								(2) UM3-1											
C								UM1-4A											
C	30D 20 39 VX3					522	UD2-1/0 220	UM1-4	44.41344 -72.941363										
C						522	UD-PRI 2.5	UM6-6											
C								(2) UM3-1											
C								UM1-4A											
C	30D 20 39 VX4					529	UD2-1/0 220	(2) UM3-1	44.414811 -72.941339										
C						529	UD-PRI 2.5	UM6-6											
C								UM1-4											
C								UM1-4A											

**Comments/Notes/Environmental:**  
LINE RELOCATION, NEW PRIMARY URD ALONG EDGE OF TOWN ROAD, SHORT OVERHEAD ROAD/STREAM CROSSING, BACK TO URD TIWING INTO EXISTING LINE. RELOCATE POLE 30D 20 28 AND RECONDUCTOR THAT SPAN.

**Work Order #: 2016001523**

**Account Number:**  
**Name:** RICHMOND, SNIPE ISLAND RD  
**Description:** LINE CHANGE CS  
**Service Location:** RICHMOND SNIPE ISLAND RD  
**Substation:** 8 - RICHMOND  
**Feeder:** 1  
**kV:** 7.2

**Point #:** 1F5A  
**Phase:** B  
**Primary Wire Size:** 1/0 AAAC

**Do W/ Another WO:**  
**Coordinate With member:**  
**Coordinate With Contractor:**  
**Coordinate With Meter Tech:**  
**Dig Safe:**  
**Staking Sheet By:** JORDAN DOYON  
**Equipment Needed:**

**Traffic:**  
**Contractor:**  
**Inspection:**  
  
**Date:** 01/21/2022

**Actual Ruling Span:** 0  
**District Office:**  
**Labor Hours:** 0

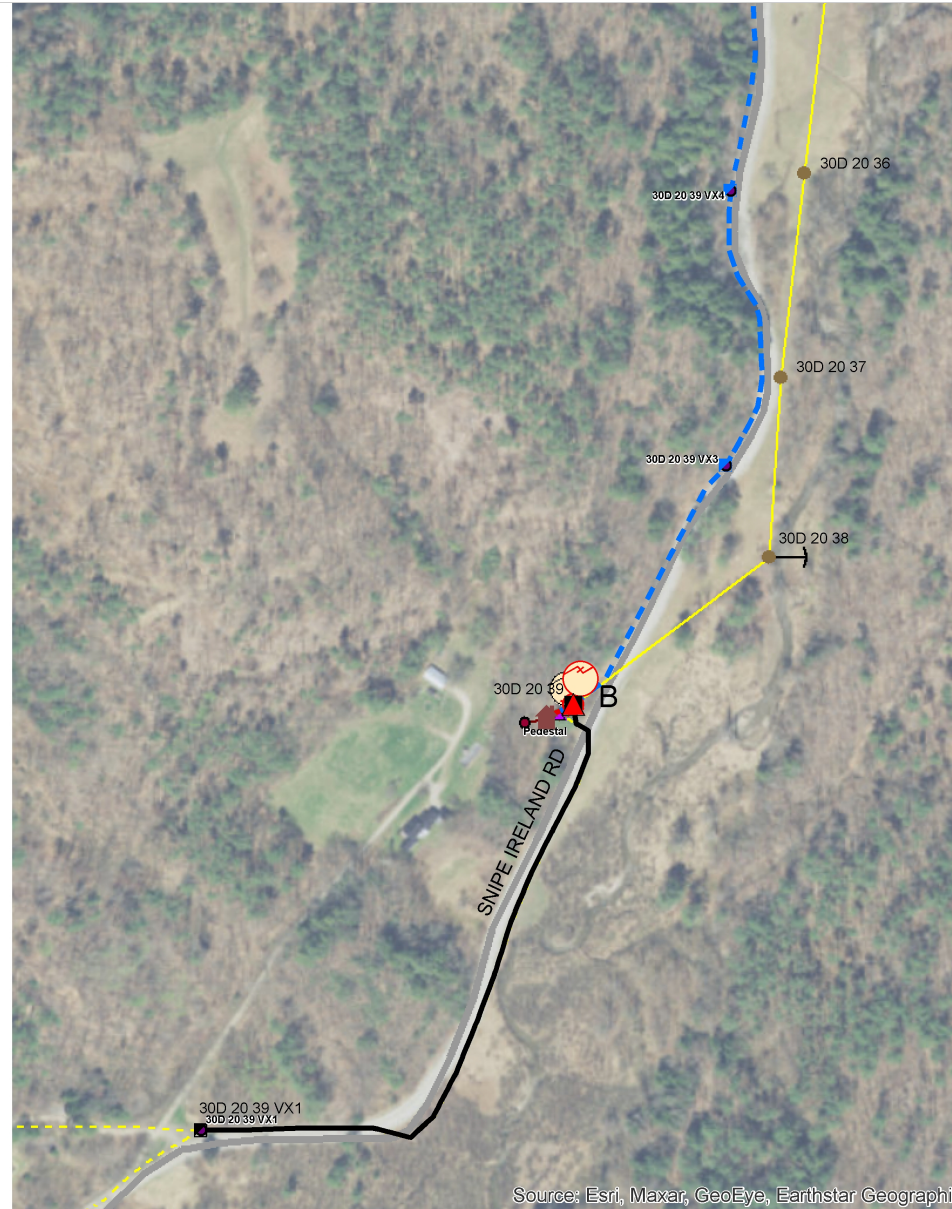
E = Existing  
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**Scheduling/Outages:**

**Completed By**

**Completed Date**



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**Traffic:**  
**Contractor:**  
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**Date:** 01/21/2022

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**Scheduling/Outages:**

**Completed By**

**Completed Date**

E R O R C	STATION NUMBER	TEL#	RD CL	POLE HEIGHT & CLASS	PRIMARY							GUY & ANCHOR			SECONDARY			METER OR LOOP	
					PRIMARY UNIT	BACK SPAN (FT.)	WIRE SIZE	MISC UNIT	LAT/LONG	XFMR	SIZE	GRND UNIT	GUY	LEAD	ANCHOR UNIT	UNIT "J OR K"	WIRE SIZE		SPAN FEET
C	30D 20 39 VX5					600	UD2-1/0 220	UM1-4	44.416409 -72.940912										
C						600	UD-PRI 2.5	(2) UM3-1											
C								UM6-6											
C								UM1-4A											
C	30D 20 39 VX6					584	UD2-1/0 220	UM6-6	44.417686 -72.941826										
C						584	UD-PRI 2.5	UM1-4											
C								(2) UM3-1											
C								UM1-4A											
C	30D 20 39 VX7					561	UD2-1/0 220	UM6-6	44.419087 -72.942606										
C						561	UD-PRI 2.5	UM1-4											
C								(2) UM3-1											
C								UM1-4A											

**Comments/Notes/Environmental:**

LINE RELOCATION, NEW PRIMARY URD ALONG EDGE OF TOWN ROAD, SHORT OVERHEAD ROAD/STREAM CROSSING, BACK TO URD TIWING INTO EXISTING LINE. RELOCATE POLE 30D 20 28 AND RECONDUCTOR THAT SPAN.

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**Description:** LINE CHANGE CS

**Service Location:** RICHMOND SNIPE ISLAND RD

**Substation:** 8 - RICHMOND

**Feeder:** 1

**kV:** 7.2

**Point #:** 1F5A

**Phase:** B

**Primary Wire Size:** 1/0 AAAC

**Do W/ Another WO:**

**Coordinate With member:**

**Coordinate With Contractor:**

**Coordinate With Meter Tech:**

**Dig Safe:**

**Staking Sheet By:** JORDAN DOYON

**Equipment Needed:**

**Traffic:**

**Contractor:**

**Inspection:**

**Date:** 01/21/2022

**Actual Ruling Span:** 0

**District Office:**

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Source: Esri, Maxar, GeoEye, Earthstar Geograph

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**Equipment Needed:**

**Traffic:**  
**Contractor:**  
**Inspection:**  
  
**Date:** 01/21/2022

**Actual Ruling Span:** 127  
**District Office:**  
**Labor Hours:** 0

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R = Retired  
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**Scheduling/Outages:**

**Completed By**

**Completed Date**

E R O R C	PRIMARY											GUY & ANCHOR			SECONDARY			METER OR LOOP	
	STATION NUMBER	TEL#	RD CL	POLE HEIGHT & CLASS	PRIMARY UNIT	BACK SPAN (FT.)	WIRE SIZE	MISC UNIT	LAT/LONG	XFMR	SIZE	GRND UNIT	GUY	LEAD	ANCHOR UNIT	UNIT "J OR K"	WIRE SIZE		SPAN FEET
C	30D 20 39 VX8					487	UD2-1/0 220	UM1-4	44.420021 -72.943928										
C						487	UD-PRI 2.5	UM6-6											
C								(2) UM3-1											
C								UM1-4A											
C	30D 20 39 VX9					417	UD2-1/0 220	UM6-6	44.42088 -72.944972										
C						417	UD-PRI 2.5	(2) UM3-1											
C								UM1-4											
C								UM1-4A											
C	30D 20 40			JO45-2	A5	12	UD2-1/0 220	(3) M5-27 2.5	44.420907 -72.944998			M2-3	E1-1SR		F1-4S				
C						12	UD-PRI 2.5	UM2-ICA 2.5											
C								M52											
C								UM3-4RS											
C	30D 20 41			JO45-2	A5	127	1/0 AAAC	M52	44.421241 -72.944864			M2-3	E1-1SR		F1-4S				
C								UM2-ICA 2.5											
C								(3) M5-27 2.5											
C								UM3-4RS											
C	30D 20 41 V1					23	UD2-1/0 220	UM6-6	44.421299 -72.944834										
C						23	UD-PRI 2.5	(2) UM3-1											
C								UM1-4											
C								UM1-4A											

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**Traffic:**  
**Contractor:**  
**Inspection:**  
  
**Date:** 01/21/2022

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Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, U



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	STATION NUMBER	TEL#	RD CL	POLE HEIGHT & CLASS	PRIMARY UNIT	BACK SPAN (FT.)	WIRE SIZE	MISC UNIT	LAT/LONG	XFMR	SIZE	GRND UNIT	GUY	LEAD	ANCHOR UNIT	UNIT "J OR K"	WIRE SIZE		SPAN FEET
C	30D 20 41 V2					523	UD2-1/0 220	(2) UM3-1	44.422624 -72.944066										
C						523	UD-PRI 2.5	UM1-4											
C								UM6-6											
C								UM1-4A											
E	30D 20 28X			JO45				M52	44.422675 -72.944033			M2-3							
R					A1-1A														
C					A6	21	UD2-1/0 220	(3) M5-27 2.5				E1-1SR		F1-4S					
C						21	UD-PRI 2.5	UM2-ICA 2.5											
C								UM3-4R											
Move fuse point # 1F5A from existing 30D 20 28 to the new primary riser cutout on pole 20D 20 28X																			
R	30D 20 28			40-4	A4	231	(2) 8D	M3-4A	44.423255 -72.94439			M2-3	(3) E1-2		(3) F1-3				
E	30D 20 27			40-4					44.424247 -72.943762			M2-3							
R					A1A	397	(2) 1/0 AAAC												
C					A2A	291	1/0 AAAC					E1-1SR		F1-5					
C						291	1/0 AAAC												
C	30D 20 28 new			45-2	A1-1A	286	1/0 AAAC	M52	44.423453 -72.943885			M2-3							
C						286	1/0 AAAC												

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**District Office:**  
**Labor Hours:** 0

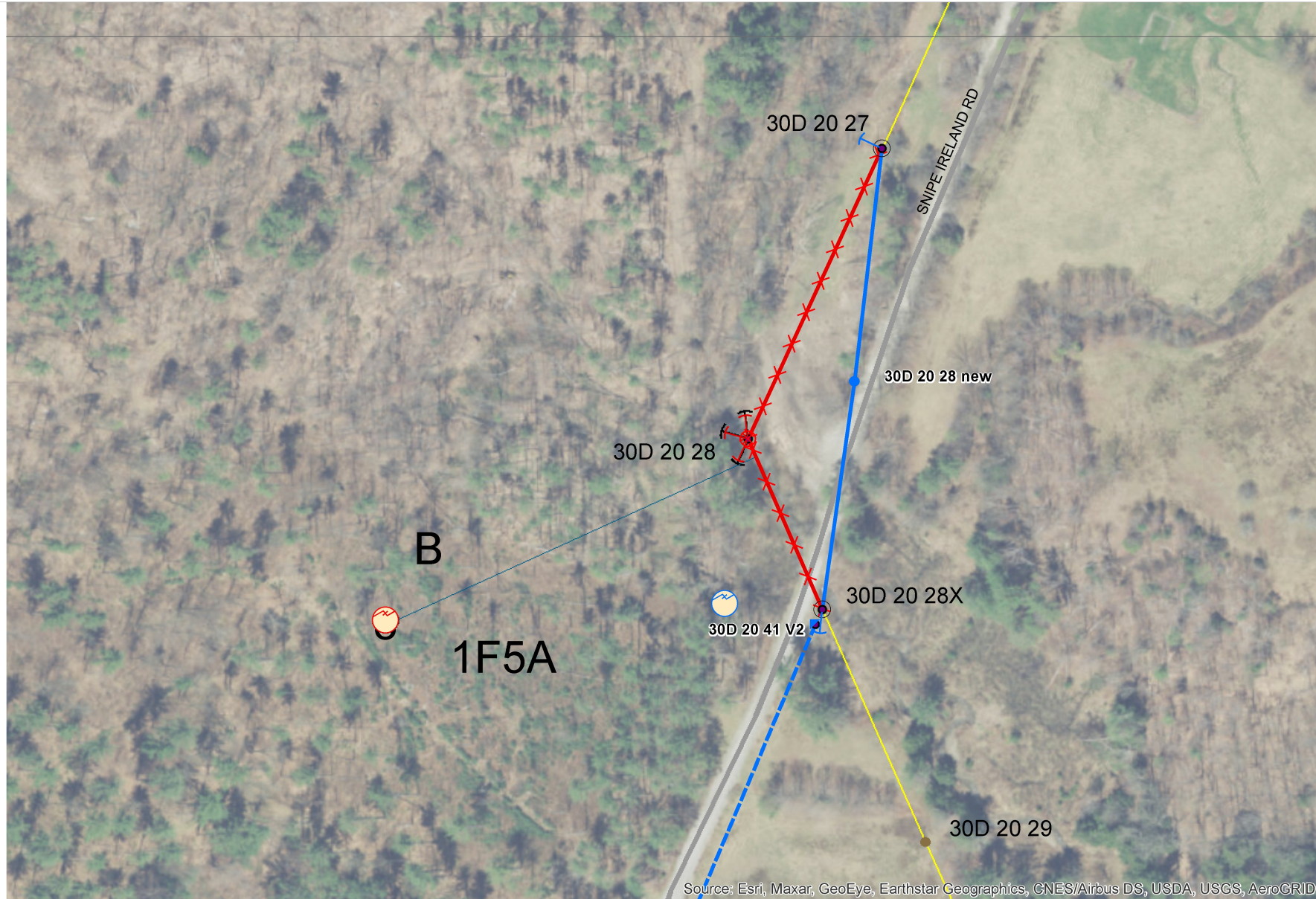
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Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, I