

June 27, 2025

Town of Bristol  
c/o Mike Winslow, Municipal Project Manager  
Addison County Regional Planning Commission  
14 Seminary Street  
Middlebury, VT 05753

RE: Proposal for Design ATR Consultant Services  
Bristol TAP TA24(2)  
Fuss & O'Neill Opportunity No. 20230005.B10

Dear Mr. Winslow:

Fuss & O'Neill is pleased to provide you with this proposal and cost estimate for Engineering, Surveying, Permitting, and Construction Services through the VTrans At-the-Ready program for the Airport Drive sidewalk project in Bristol.

The Airport Drive Sidewalk connection will be a key piece of infrastructure for the Town of Bristol, one that will improve pedestrian safety and connectivity between VT 116 and the Mount Abraham Union High School, Bristol Recreational Fields, American Legion and the Bristol Teen Center. In addition to addressing the long-standing safety issues along Airport Drive, the new sidewalk will help the Town achieve its goals of establishing a safe, pedestrian friendly, accessible, and integrated transportation network.

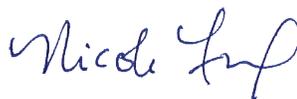
The Airport Drive Sidewalk project will be led by personnel out of our Williston, Vermont and Manchester, New Hampshire offices, highlighted by Principal-in-Charge and Contract Manager, Nicole Fox, PE, and Project Manager, Brian Bertsch, PE. Nicole leads our Transportation team and brings more than 25 years of comprehensive experience working with VTrans and local municipalities to help improve their critical infrastructure. Nicole will provide quality assurance and support to Brian, who will serve as Project Manager and main point of contact throughout the project. Working out of our Williston office, Brian brings over 20 years of project management and design experience on a diverse range of projects. Our project team leaders are prepared to mobilize quickly to meet project timelines and budget requirements

We are excited to collaborate with the Town of Bristol on this important project and help the Town further its goals toward a more walkable and bikeable community. If you have any questions or would like to schedule a meeting to review our proposal, please contact either Brian or Nicole.

Sincerely,



Brian Bertsch, PE  
Project Manager  
802-304-7532  
[Brian.Bertsch@fando.com](mailto:Brian.Bertsch@fando.com)



Nicole Fox, PE  
Principal-in-Charge/Contract Manager  
603-222-3480  
[Nicole.Fox@fando.com](mailto:Nicole.Fox@fando.com)

Attachments: Fuss & O'Neill Cost Proposal  
VSE Scope/Cost Proposal, and Survey Area Plan

## Project Overview

The 2022 Bristol Airport Drive Scoping Study identified the need for a new sidewalk along Airport Drive to connect the existing sidewalk on VT RT 116 with the pedestrian path that runs from Liberty Street to the Mount Abraham Union High School. In addition to the High School, Airport Drive provides access to the American Legion property, Bristol Recreation Fields, Teen Center and skate park, and a segment of the Bristol Trail Network.

The study examined three conceptual options and a no-build option. As a result of the public input received during the scoping process, technical evaluation, and an Alternatives Presentation Meeting with the Bristol Selectboard, Alternative 2 for a 5-ft concrete sidewalk and 5-ft grass strip between the road and sidewalk along the east side of Airport Drive was endorsed as the preferred alternative.

With the project now receiving funding through the VTrans Transportation Alternatives Program (TAP) we look forward to working with the Town to bring this project to construction. Our work will follow the Project Development Process and be consistent with the requirements outlined in the Municipal Assistance Bureau (MAB) Guidebook for Municipally Managed Projects (revised August 2021) and in the Request for Proposal, dated May 23, 2025. More specifically we will perform the following:

## Scope of Services

### PHASE A – PROJECT DEFINITION

#### Task 1 – Project Kick-off

Fuss & O'Neill will prepare for and attend a Project Kick-off Meeting with representatives from the Town, Municipal Project Manager, and the MAS Project Supervisor to initiate the exchange of information between Project Team members and establish communication protocols, confirm the schedule, and identify near term action items. Fuss & O'Neill will prepare an agenda for this meeting and take notes to documents the discussions and decisions made. Our proposal has also assumed bi-monthly virtual check-ins with the Project Team during the design process (assumed to be 24 months).

**Deliverables:** Kickoff Meeting Agenda and Meeting Notes

#### Task 2 – Topographic Survey and Base Mapping

Fuss & O'Neill has teamed with Vermont Survey & Engineering (VSE) to perform the field survey and base mapping to establish the existing right-of-way and approximate property lines along the new sidewalk alignment. As shown on the attached sketch, the area to be survey consists of an approximately 1.5-acre area, 1100-ft long x 60-ft wide which begins at the existing sidewalk along VT RT 116 and terminates at the existing pedestrian path on MAUSD campus.

All surveying activities will be conducted under the direction and supervision of a Vermont Licensed Land Surveyor and the field survey will be performed in accordance with VTrans Standard Practices. The field survey and mapping will accurately show all existing topographic features, pavement markings, overhead and underground utilities, and drainage. Please see attached VSE scope of work for detailed description of right-of-way and survey work to be performed.

**Deliverables:** Three-dimensional base plan with ROW limits delineated

### **Task 3 – Conceptual Plans**

Fuss & O'Neill will utilize the base plan provided by VSE to create Conceptual Plans for the new sidewalk along Airport Drive that meets the purpose and need statement identified in the Bristol Airport Drive Sidewalk Scoping Study Report.

The conceptual design will examine the constructability of the preferred alternative consisting of a new 5-ft sidewalk and 5-ft greenbelt on the east side of Airport Drive based on the property, utility, and survey data collected in the previous task. We will examine any potential site constraints including utility conflicts and right-of-way impacts so they can be resolved in a timely manner, keeping the project on schedule. We will prepare Conceptual Plans to clearly depict the design intent and related impacts.

A conceptual cost estimate broken down by standard VTrans pay items and unit prices will accompany the conceptual plans to ensure the preferred alternative can be constructed with the Town's available funds.

**Deliverables:** Conceptual Plans, Cost Estimate, and TMP Checklist

### **Task 4 – Resource Constraints and CE Documentation**

Following acceptance of Conceptual Plans by VTrans, Fuss & O'Neill will conduct records and field research to identify the local, state, and federal environmental permits required. Our findings will be summarized in a permitting memo to the Town.

The Scoping Study performed a preliminary review of permit requirements and environmental and cultural resources. No environmental or cultural resources were noted and only an operational stormwater permit was noted as likely being required.

Fuss & O'Neill will work with the Town to clearly define the project limits, and square footage of impervious coverage, to determine if the threshold for those permits is met. As the anticipated disturbed area from the project is low, our proposal has assumed the project can be constructed without triggering the need for state construction or operational stormwater permit.

Our proposal has assumed that the project can be built without impacting any environmental or cultural resources and without the need for additional state or federal environmental permits. However, should additional permitting efforts be required Fuss & O'Neill can provide these services under a supplement agreement.

Based upon the resource review from the Scoping Study we have assumed that this project will be eligible for a Categorical Exclusion (CE) in accordance with NEPA requirements. Fuss & O'Neill will prepare the VTrans environmental analysis sheet and submit to VTrans for review and concurrence. Our proposal has assumed that VTrans will be responsible for preparing the resource clearance document, formalizing the CE, and arranging for the concurrence of the Federal Highway Administration, if required.

**Deliverables:** Categorical Exclusion worksheet and supporting documentation

## **PHASE B – PROJECT DESIGN**

### **Task 5 – Preliminary Plans**

Following acceptance of conceptual plans, Fuss & O'Neill will refine the design and develop the additional details required of the Preliminary Plan set. The Preliminary Plans will incorporate any feedback received by the Town or VTTrans following review of Conceptual Plans and include a thorough examination of any potential utility conflicts within the study area and utility relocation, if required.

As part of the preliminary design a stormwater design that meets local and state requirements will be developed and where possible Tier 1, infiltration and disconnection treatment practices would be selected, and Tier 2 or 3 treatment practices used if limited by soil and site constraints. The Preliminary Plans will also include a site-specific Erosion Prevention and Sediment Control Plan (EPSC Plan) that aligns with the local and state protocols.

**Deliverables:** Preliminary Plans, Cost Estimate, and TMP Checklist

### **Task 6 – Right-of-Way (ROW)**

It is believed that the Town owned portion of Airport Drive, up to the gate, will be wide enough to accommodate the new walk. However, Fuss & O'Neill anticipates right-of-way impacts to the school property for the section of new walk beyond the gate, our proposal has assumed that only right-of-way plans for the school property would be needed.

If during the development of Preliminary Plans, it is determined that additional right-of-way is required Fuss & O'Neill can develop right-of-way plans for these properties and assist the Town in the acquisition process under a supplement agreement.

**Deliverables (if needed):** ROW Plans

### **Task 7 – Final Plans**

Upon successful completion of the right-of-way phase, Fuss & O'Neill will develop a set of Final Plans which incorporate any changes required by the ROW and permit process. A detailed listing of items and quantities will be part of the Final Plan package and if any special provisions are required, Fuss & O'Neill will draft those provisions for VTTrans and Town approval. Utility agreements, if necessary, will be prepared. As part of the Final Plan package Fuss & O'Neill will submit "Design" and "Utility and Railroad Clearance" certifications to confirm the design is in conformance with the appropriate standards, codes, and specifications and that all utility coordination has taken place.

**Deliverables:** Final Plans, Cost Estimate, TMP Checklist, Designer's Certification, and Utility and Railroad Clearance

### **Task 8 – Contract Plans and Specifications**

The Contract Plans will reflect any changes requested on the Final Plan submission and will be stamped by a Fuss & O'Neill professional engineer registered in the State of Vermont. Contract Plans and an updated list of items, quantities, and cost estimate will then be sent to VTTrans for review and approval.

Following approval of Contract Plans, Fuss & O'Neill will prepare a complete construction bid package for the Airport Drive sidewalk project, using the current MAB template, to begin the construction procurement process.

The construction bid package will be submitted to the Town and VTrans in .pdf format and include Contract Plans, construction cost estimate, final utility relocations, clearance, and special provisions, right-of-way clearances and special agreements, all required permits with conditions noted, construction contract specifications, and bid documents consisting of instructions to bidders, bid forms, and all required federal documents.

During the bidding process Fuss & O'Neill will be available to answer all bidder questions and distribute addenda if necessary. We have assumed our attendance at a public bid opening would not be required but if required we would be happy to assist under a supplement agreement. Following the bid opening we will review all bids for conformance with the Contract documents and provide a written bid recommendation to the Town for awarding of the project.

### **Task 9 – Construction Procurement and Construction Services**

During construction Fuss & O'Neill will be readily available to interpret the Contract Document, respond to requests for information, review contractor submittals, and attend meetings when needed. We have budgeted three (3) site visits, which includes an onsite preconstruction meeting, one visit during construction, and one visit for the substantial completion walk through to ensure the project was constructed as designed.

**Deliverables:** Acceptance Letter

### **Assumptions**

This agreement has been prepared assuming the following:

- A. The Town will provide all existing ROW documentation to include roadway plans, land records, property deeds, and tax maps, which VSE will utilize to depict the approximate ROW limits on the base plan. If additional ROW investigative services are required, VSE can provide these services under a supplemental agreement.
- B. Based on the preliminary review of environmental resources conducted as part of the Scoping Study, our proposal has assumed that the project can be built without the need for additional state or federal environmental permits. However, should additional permitting efforts be required Fuss & O'Neill can provide these services under a supplement agreement.
- C. Fuss & O'Neill assumes this Project will not require additional Right-of-Way. Should additional Right-of-Way be needed Fuss & O'Neill can assist the Town in the plan development and acquisition process under a supplemental agreement.
- D. Access to the subject site area is assumed to be unrestricted.
- E. Additional site visits or meetings not specifically referenced in this scope are not included. If required, Fuss & O'Neill can provide these services under a supplemental agreement.
- F. All work will qualify for a Categorical Exclusion (CE).
- G. Testing services have not been included. If required, Fuss & O'Neill can provide these services under a supplemental agreement.

- H. We assume no subsurface and contaminated soils investigations are required as the anticipated disturbed area from the project is low. Should subsurface and contaminated soils investigations be required Fuss & O'Neill can provide these services under a supplemental agreement.

## Project Team Members and Roles

At Fuss & O'Neill, we place great emphasis on collaboration, both within the company and with the clients we serve. We are guided by what is best for the client and project, building project teams, and providing responsive service and quality deliverables. Our mission is to provide our clients with innovative and practical engineering, scientific, and planning solutions. It is what we have been doing since our firm was established in 1924, and what we remain committed to doing.

The following project team has been selected both for their individual talents and for their proven successes working as a team.

### **Nicole Fox, PE – Principle-in-Charge | Contract Manager | Senior Project Manager**

Nicole is a Senior Project Manager with experience in all phases of transportation design and planning. Her practice includes rail trail design, new location trails, bicycle and pedestrian planning and scoping, as well as sidewalks and on-road bicycle lanes and cycle tracks. She is a founding member of the firm's Active Design Group, which focuses on designing transportation facilities for all users. Nicole is a skilled listener and excels at fostering open communication between clients, agencies, and other consultants. As a good communicator and team leader, she has excellent project management skills and experience managing municipal and state projects.

### **Brian Bertsch, PE – Project Manager**

Brian is a Project Manager with two decades of civil engineering, construction and development experience. He has particular expertise providing site/civil engineering for public and private site and infrastructure projects. He is well versed in project management and excels at problem solving and effective communication, as well as the ability to manage several projects simultaneously. Brian takes a practical, team-oriented approach to project delivery. He focuses on clear communication, efficient coordination, and delivering high-quality results that meet both client goals and project timelines.

### **Michael Haley, PE, LSIT – QA/QC | Senior Project Engineer**

Mike has 20 years of experience designing a variety of highway and site development projects ranging from bridge approaches, paving and overlay to full depth reconstruction to curb and sidewalk projects. His primary area of expertise is in the development of 3D roadway design models, but he is well versed in all aspects of roadway design. Mike has served as a resident engineer on a number of construction projects, which has further enhanced his design skills. Mike also serves as Fuss & O'Neill's Work Zone Resource Officer on all VTrans projects. Mike is known for being a reliable problem solver who has a commitment to producing quality designs for clients.

### **Jacob Fowler, EIT – Civil Engineer**

Jake is a Civil and Transportation Engineer in Fuss & O'Neill's White River Junction, Vermont office. He prepares roadway, sidewalk, grading, drainage and utility drawings to support scoping and design projects. He writes

technical specifications, prepares construction cost estimates and assists with construction administration. Construction administration services have included construction observation, addressing contractor RFI and change orders and reviewing pay requestions. He is highly proficient in AutoCAD and MicroStation.

**Michael Delaney, EIT – Civil Engineer**

Michael is a Civil Engineer in Fuss & O'Neill's White River Junction, Vermont office. Michael works on a variety of site and civil engineering tasks, including site design, stormwater management, roadway and sidewalk design, quantity estimation, permitting, and residential wastewater treatment system design. Michael serves both public and private clients alike.

**Andrew McQueeney, LS – Vermont Survey and Engineering, Licensed Land Surveyor**

Drew has been involved with engineering and surveying since 1985 and he joined Vermont Survey and Engineering, Inc. in 1991. As CADD Manager, he is responsible for developing AutoCAD, MicroStation and OpenRoads deliverables as well as overseeing CADD work of others. He has been using AutoCAD software since 1991 and Bentley Systems and Intergraph software since 1998. A Principal of the company since 2009, Drew now coordinates the activities of the field crews and office staff, and acts as Project Manager for the majority of VTrans projects that VSE is involved with.

**Schedule**

Our proposal project schedule is shown below, which targets at Summer/Fall 2027 construction start date. Fuss & O'Neill is prepared to begin the above scope of work upon receipt of Authorization to Proceed, weather permitting. We propose to complete the tasks listed in this Agreement in accordance with the following schedule:

<b>Task</b>	<b>Anticipated Schedule</b>
Task 1: Project Kick-off	July 2025
Task 2: Topographic Survey and Base Mapping	July or August 2025
Task 3: Conceptual Plans	July - November 2025
Task 3A: Conceptual Plan Review	December 2025
Task 4: Resources Constraints and CE Documentation	July – December 2025
Task 4A: CE Review	January – June 2026
Task 5: Preliminary Plans	June - August 2026
Task 5A: Preliminary Plan Review	September 2026
Task 6: Right-of-Way and Acquisition Process	Assume Not Needed
Task 7: Final Design/Bidding	November - January 2027
Task 7A: Final P, S, E Review	February 2027
Task 8: Contract Plans, Construction Bidding and Award	March - May 2027
Task 9: Construction Services	June – November 2027

The above schedule assumes that Authorization to Proceed will be issued within 30 days of the date of this Agreement. Also, it is important to note that the following may extend the estimated durations listed above.

- Inclement weather (may delay proposed field work).
- Schedule of other consultants and contractors
- Not receiving information from others (e.g., surveys, architectural plans, etc.) in a timely manner.
- Extended review periods by the client and/or counsel.

## **Cost Proposal**

A Cost Proposal has been submitted as a separate attachment. The estimated budget for the above-noted Tasks are presented in the attached Work Hours and Cost Estimate Table at the hourly rates noted.

Task/Description	Estimated Work Hours							Total Hours
	Contract Manager	Project Manager	Sr. Engr III	Sr. Engr II	Engr III	Engr II	Admin Support	
<b>PHASE A: PROJECT DEFINITION</b>								
<b>Task 1: Project Kick-off</b>								
Internal Project Setup	1	1		1	2	1	2	8
Kickoff Meeting & Site Visit w/ Project Team		4			6			10
Project Team Meetings and Coordination	6	12				12		30
Project Accounting							24	24
<b>Task 2: Topographic Survey &amp; Base Mapping</b>								
Project Management and Coordination		2				4		6
<b>Task 3: Conceptual (25%) Design</b>								
Prepare Conceptual Plans		2			4	24		30
Prepare Conceptual Estimate		1			8	8		17
TMP Checklist and Supporting Documentation				2				2
QA/QC				3		2		5
Project Management and Coordination	1	1						2
<b>Task 4: Resource Constraints and CE Documentation</b>								
4.1. Natural Resource Identification and Memo		2			4			6
4.2 Historical/Archaeological (assumed not needed)								
4.3 Other Permitting and Investigations (assumed not needed)								
4.4 Preparation of CE Document		4				16		20
QA/QC				1		2		3
Project Management and Coordination	1	1				1		3
<b>Total Hours:</b>	<b>9</b>	<b>30</b>		<b>7</b>	<b>24</b>	<b>70</b>	<b>26</b>	<b>166</b>

	Work Hours	Hourly Rates	Estimated Costs
Contract Manager	9	\$ 74.74	\$ 672.66
Project Manager	30	\$ 60.26	\$ 1,807.80
Sr. Engr III		\$ 69.10	\$ -
Sr. Engr II	7	\$ 61.14	\$ 427.98
Engr III	24	\$ 46.37	\$ 1,112.88
Engr II	70	\$ 37.74	\$ 2,641.80
Admin Support	26	\$ 50.82	\$ 1,321.32
	<b>166</b>		
Total Direct Labor		\$	7,984.44
Indirect Costs 1.7684		\$	14,119.68
		\$	22,104.12
Fixed Fee		\$	2,210.41
Professional Services Fee		\$	24,314.53
Direct Costs		\$	340.00
Total Estimated Fee		\$	24,654.53

Task/Description	Estimated Work Hours							Total Hours
	Contract Manager	Project Manager	Sr. Engr III	Sr. Engr II	Engr III	Engr II	Admin Support	
<b>PHASE B: PROJECT DESIGN</b>								
<b>Task 5: Preliminary Plans</b>								
Prepare Preliminary Plans		6				42		48
Prepare Preliminary Cost Estimate					2	6		8
Utility Coordination		2				4		6
TMP Checklist and Supporting Documentation				1				1
QA/QC				3		3		6
Project Management and Coordination	1	1						2
<b>Task 6: Right-of-Way Plans and Acquisition Process</b>								
6.1 Right of Way Plans (assume not needed)		2				20		22
6.2 Right of Way Coordination (assume not needed)								
VTrans Highway Access Permit (assume not needed)								
<b>Task 7: Final (85%) Design</b>								
7.1 Final (85%) Plans		4				14		18
7.2 Special Provisions (assume not needed)								
7.3 Final Estimate		1			4			5
TMP Checklist and Supporting Documentation				1				1
Utility Clearance Document		2				4		6
QA/QC				3		1		4
Project Management and Coordination	1	1						2
<b>Task 8: Contract Plans, Construction Bidding and Award</b>								
8.1 Contract Plans and Estimate		1			4	12		17
8.2 Construction Bid Package		6				24		30
8.3 Bid Process		6			4	4		14
QA/QC				3		5		8
<b>Task 9: Construction Services</b>								
Design Interpretations/Clarifications		2				4		6
Shop Drawing Review		4				8		12
Three (3) site visits during construction		8				10		18
Project Management and Coordination		1						1
<b>Total Hours:</b>	<b>2</b>	<b>47</b>		<b>11</b>	<b>14</b>	<b>161</b>		<b>235</b>

	Work Hours	Hourly Rates*	Estimated Costs
Contract Manager	2	\$ 77.73	\$ 155.46
Project Manager	47	\$ 62.67	\$ 2,945.51
Sr. Engr III		\$ 71.86	\$ -
Sr. Engr II	11	\$ 63.59	\$ 699.44
Engr III	14	\$ 48.22	\$ 675.15
Engr II	161	\$ 39.25	\$ 6,319.19
Admin Support		\$ 52.85	\$ -
	<b>235</b>		

\*Phase B assumed to occur in YR 2, hourly rates escalated by 4%

Total Direct Labor	\$ 10,794.74
Indirect Costs 1.7684	\$ 19,089.42
	\$ 29,884.16
Fixed Fee	\$ 2,988.42
Professional Services Fee	\$ 32,872.58
Direct Costs	\$ 670.00
<b>Total Estimated Fee</b>	<b>\$ 33,542.58</b>

	Description	Unit	Unit Cost	Quantity				Total Quantity	Expense
				Phase A: Project Initiation	Phase B: Project Design	Phase C: Construction			
1	Travel	Mile	\$0.700	200	600			800	\$ 560.00
2	Hotel	Night	\$187.00					0	\$ -
3	Breakfast	Day	\$16.00					0	\$ -
4	Lunch	Day	\$17.00					0	\$ -
5	Dinner	Day	\$31.00					0	\$ -
6	Traffic Counts	LS	\$0.00					0	\$ -
7	Postage	LS	Varies					0	\$ -
8	Color Copies	SF	\$1.00	50	100			150	\$ 150.00
9	Reproductions	SF	\$0.30	500	500			1000	\$ 300.00
Subtotal				\$ 340.00	\$ 670.00	\$ -	\$ -	\$ -	\$ 1,010.00

# FUSS & O'NEILL

Cost Breakdown

Consultant:	Fuss & O'Neill, Inc.
Contract No.:	TBD
Project Name:	TOWN OF BRISTOL
Project Number	TAP TA24(2)
F&O Project Number:	20230005.B10

Work Item	Labor	Overhead	Fixed Fee	Direct Costs	Total
<b>Fuss &amp; O'Neill, Inc.</b>					
1. Phase A: Project Definition	\$ 7,984.44	\$ 14,119.68	\$ 2,210.41	\$ 340.00	\$ 24,654.53
2. Phase B: Project Design	\$ 10,794.74	\$ 19,089.42	\$ 2,988.42	\$ 670.00	\$ 33,542.58
Total Fuss & O'Neill Services:	\$ 18,779.18	\$ 33,209.10	\$ 5,198.83	\$ 1,010.00	\$ 58,197.11
<b>Subconsultants</b>					
1. Vermont Survey and Engineering	\$ 2,265.00	\$ 3,377.12	\$ 564.21	\$ 189.00	\$ 6,395.33
					\$ -
					\$ -
Total Subconsultants Services:	\$ 2,265.00	\$ 3,377.12	\$ 564.21	\$ 189.00	\$ 6,395.33
<b>Total Estimated Fee:</b>					
					\$ 64,592.44



# Vermont Survey and Engineering, Inc.

*Surveyors and Civil Engineers*

79 River Street, Suite 201, Montpelier, Vermont 05602  
 (802) 229-9138, info@vermontsurvey.com

June 26, 2025

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**Bristol TAP TA24(2)  
 Airport Drive Sidewalk, Bristol, Vermont**

**Topographic Survey & Base Mapping**

VSE will conduct a topographic survey and develop a site plan of existing conditions along Airport Drive within the approximately 1.5 acre survey area shown on the attached sketch. The area to be surveyed measures approximately 1,100 feet along the roadway by about 60 feet wide.

The field survey will be performed in accordance with VTrans standard practices, and all surveying activities will be conducted under the direction and supervision of a Vermont Licensed Land Surveyor. The survey and mapping will accurately show all existing topographic features, visible utilities, and drainage. Rim, top of grate/cover, invert elevations and pipe size and type will be obtained as well as location of all other underground utilities if marked by their respective owners. Utilities outside of the survey limits that connect to the project area will also be located. Using the information obtained, VSE will develop base mapping and a three-dimensional model in MicroStation and InRoads formats in accordance with current VTrans specifications expressed in U.S. Survey Feet, referenced vertically to NAVD 88 and horizontally to NAD 83 SPC(4400 VT).

Approximate existing right-of-way lines, property lines, easement lines, and current property owner names will be compiled and presented on the mapping based on publicly available information. We assume that the municipality will provide available roadway plans, land records, property deeds and tax maps on file for the properties within the project limits.

**Cost Estimate**

<b>Labor</b>				
<b>Classification</b>	<b>Hours</b>	<b>Rate</b>	<b>Total</b>	
Survey Party Chief	25	\$39.00	\$975.00	
Instrument Operator	25	\$34.00	\$850.00	
Senior CAD Operator	10	\$44.00	\$440.00	
			<b>Total Direct Labor</b>	<b>\$2,265.00</b>
			<b>Overhead @ 149.10%</b>	<b>\$3,377.12</b>
			<b>Fixed Fee</b>	<b>\$564.21</b>
<b>Expenses</b>				
<b>Expense</b>	<b>Amount</b>	<b>Rate</b>	<b>Total</b>	
Mileage	270 miles	\$0.70 per mile	\$189.00	
			<b>Total Expenses</b>	<b>\$189.00</b>
			<b>Total Estimate</b>	<b>\$6,395.33</b>

ACCT Mobile Home Parks LLC

Mount Abraham Unified School District  
c/o Addison Northeast Supervisory Union

20' East  
of Fence

Bristol Recreation Club, Inc.

**SURVEY AREA**  
1.5 ACRES ±

Town of Bristol

Bristol Recreation Club, Inc.

Airport Dr

Mount Abraham Unified School District  
c/o Addison Northeast Supervisory Union

American Legion  
Bristol Post 19, Inc.

20' East  
of Fence

VT Rte 17

