

Brandon Select Board Meeting
February 14, 2022
7:00 p.m.

The Brandon Select Board will meet Monday, February 14, 2022 at 7:00 p.m. at the Brandon Town Hall located at 1 Conant Square expecting to consider the items noted on this agenda. Agendas shall be posted on the community bulletin board located at the Town Office at 49 Center Street and on the community bulletin board located at the Junction Store & Deli at 2265 Forest Dale Road. The Select Board reserves the right to add additional items, if necessary, at the beginning of the meeting.

Interested parties may also attend this meeting electronically:

- Video Conference via ZOOM: Meeting ID (253 279 4161)
- Conference call: Dial (929) 205 6099

- 1) Call to Order
 - a) Agenda Adoption
- 2) Approval of Minutes
 - a) Special Select Board Meeting Minutes – January 18, 2022
 - b) Select Board Minutes – January 24, 2022
- 3) Town Manager's Report
- 4) Public Comment and Participation
- 5) Otter Creek Watershed Insect Control District
- 6) Consider Letter of Understanding from the Planning Commission Regarding Proposed Solar Project
- 7) Consider Energy Committee Survey
- 8) Town Meeting Discussion and Preparation
- 9) ARPA Projects Discussion
- 10) Approve Annual Financial Plan – Town Highways
- 11) Approve Town Road and Bridge Standards
- 12) Approve Certification of Compliance for Town Road and Bridge Standards and Network Inventory
- 13) Fiscal
 - a) Warrant – February 14, 2022 - \$198,223.61
- 14) Executive Session

The appointment or employment or evaluation of a public officer or employee per 1 V.S.A. § 313(3)(a)(3)
- 15) Adjournment

BRANDON SELECT BOARD SPECIAL MEETING MINUTES
January 18, 2022

NOTE: These are unapproved minutes, subject to amendment and/or approval at the subsequent board meeting.

In Attendance: Brian Coolidge, Tim Guiles, Seth Hopkins, Mike Markowski and Tracy Wyman.

There were no Zoom options for this meeting.

1) Call to Order

The Select Board meeting was called to order at 6:30 PM.

2) Executive Session

The Select Board entered into Executive Session to discuss the appointment or employment, or evaluation of a public officer or employee under the provisions of 1 V.S.A. 313 (a)(3) and met for approximately an hour.

The Select Board exited Executive Session. There was no action required.

3) Adjournment

The Select Board adjourned at approximately 7:30 PM.

Respectfully submitted,

Michael Markowski

Brandon Select Board Meeting January 24, 2022

NOTE: These are unapproved minutes, subject to amendment and/or approval at the subsequent board meeting.

Board Members in Attendance: Seth Hopkins, Brian Coolidge, Tim Guiles, Tracy Wyman, Michael Markowski

Others in Attendance: Dave Atherton, Bill Moore, Jessica Saceric

Other In Attendance Via Zoom: Keith Whitcomb, Adam Murach, Jack Schneider, David Kachajian

1. Call to order

The meeting was called to order by Seth Hopkins - Chair at 7:02PM.

a) Agenda Adoption

Motion by Tracy Wyman/Michael Markowski to adopt the agenda as posted. **The motion passed unanimously.**

2. Approval of Minutes

a) Select Board Meeting – January 10, 2022

Motion by Tracy Wyman/Brian Coolidge to approve the minutes of the January 10, 2022, Select Board meeting. **The motion passed unanimously.**

3. Town Manager's Report

Dave Atherton provided a report through January 21, 2022:

Mr. Atherton sent the letter of support to Joan Allen for the sale of the Stone property to VT Fish & Wildlife.

Steve Cijka, Tim Kingston, and Mr. Atherton had a meeting with Aldrich & Elliott to discuss the Preliminary Engineering Report for the replacement of the Newton Road pump station.

Mr. Atherton attended a VLCT/PACIF diversity, equity, and inclusion training on January 20th. This was a three-hour training that also included a presentation by two consultants from Workplace Matters. He is hoping to incorporate this training into the Town's own DEI policy.

Last year Mr. Atherton started working with New England Woodcraft and Nanci McGuire of NRCS to help them with the 3-acre impervious land compliance ruling. This project was identified within the Lake Champlain Basin Program Funded Report entitled "*Public-Private Partnership for Stormwater Management*", and has been selected to receive funding in conjunction with the American Rescue Plan Act (ARPA) Three-Acre Stormwater Program. Based on cost information made available to the Department, the project has been approved for an award of up to \$354,738.00 of ARPA funds. The final award amount will be based upon determination of actual eligible costs for the project. The American Rescue Plan Act specifies that the grant funds must be encumbered by 12/31/2024 and that the grant funds must be expended by 12/31/2026. This will cover the entire project from preliminary through construction completion. Mr. Atherton stated New England Woodcraft is the only private property in Town that has the impervious area.

Mr. Atherton has been working with three Newton Road homeowners on the rest of the documentation needed for the FRCF buyout grant. He is trying to get one more in before the 31st deadline.

Rec Department News:

Hopefully by the time this report is read, the ice rink at Neshobe Golf Course will be open. Taking advantage of the extremely cold temps, we are simply flooding the parking lot, ¼ inch at a time.

Winter Carnival will be back on the weekend of February 5/6. Working with the Neshobe PTO, Brandon Free Public Library and the Brandon Area Toy Project for a day (perhaps 2) of winter fun at the golf course. They have been grooming trails for skiing and keeping the lot clear for people to park for sledding and skating (*fingers crossed).

Winter Cornhole is moving from Sundays to Thursday evenings at the Town Hall.

4. Public Comment and Participation

Dave Atherton stated the new police chief is at the meeting via zoom. David Kachajian stated he is looking forward to attending Select Board meetings to learn about the Select Board procedures. He has been here for about two weeks and has found the Police Department has a phenomenal staff who have been helpful to him in transitioning to the new position. Seth Hopkins welcomed Mr. Kachajian in his new position and appreciated him being present at the Board meeting.

Bill Moore reported he has received more information concerning the Otter Creek Communication District since the last meeting. From Act 71, there is \$160 million allocated for communication districts that will be divided to underserved addresses and the Otter Creek Communication has applied for \$4.65 million. They are also going to ask the towns in the Communication district to provide a match of ARPA funds for the process. They are asking for \$56,952.72 from Brandon and they will match that to bring it to \$112,000. Mr. Moore was not

making the request at this point, but in applying for Act 71 funds, each town's ask has been based on underserved addresses. Mr. Moore stated the \$4.65 million is the Communication District's funding and they are looking for additional ARPA funds from the towns. There is an additional \$16 million and that is being put out for a possible match. Tim Guiles is interested in being involved with the District from the Select Board. Mr. Moore advised their meetings are the 3rd Wednesday of each month and Mr. Moore will provide Mr. Guiles with information on the District. The towns in the Otter Creek Communication district are Brandon, Pittsford, Benson, Castleton, Chittenden, Fair Haven, Goshen, Hubbardton, West Rutland, Rutland Town, Sudbury, Poultney, Mendon and Pawlet. Mr. Guiles questioned if there is a target amount that the District is trying to raise. Mr. Moore does not know what the total will be as they are getting ready to send out an RFP for developing the system, but the figure will be determined once the costing is received. There are also preconstruction grants that they can go after.

5. Revolving Loan Fund

Jessica Saceric was present for discussion of a request for a loan from the Brandon Revolving Loan Fund.

Bill Moore read a letter regarding the request (See attached).

Seth Hopkins thanked Mr. Moore and Ms. Saceric for attending the meeting to present this request.

Motion by Tracy Wyman/Michael Markowski to approve the Revolving Loan Fund request that has been approved by the Revolving Loan Fund Committee. **The motion passed unanimously.**

6. Approve Warning for February 28, 2022 Town Meeting and March 1, 2022 Ballot

Seth Hopkins noted the Town Meeting informational meeting will be held on February 28th with voting on March 1st. Sue Gage stated this is a straightforward warning but wanted to remind people that the school ballot will not be mailed and if people would like a mailed ballot from the school it will need to be requested or they can place their votes on voting day. Mr. Hopkins reiterated that the Town's ballots will be mailed and if anyone would like a school ballot mailed to them, they must request it or come to the polls on voting day to submit their ballot for the school. Mr. Hopkins noted the warning includes the election of officers, town budget and fund request articles. Mr. Hopkins thanked the Town Manager, Town Clerk and Treasurer, Bookkeeper, Board and Budget Committee for all the work that has been done on this process.

Motion by Tracy Wyman/Michael Markowski to approve the warning as presented. **The motion passed unanimously.**

7. Review Quotes for Tandem Dump Truck

Dave Atherton noted the Board made a prior motion to obtain quotes to replace the International truck. A bid packet was sent out and only one company, Charlebois, responded with a bid that includes the accessories. The only things not included in the price are the extended warranty

menu. Shawn has suggested the engine warranty and 100,000-mile truck coverage and towing would be good add-ons. Mr. Atherton noted there is not a lot of difference between the trucks but it is thought a benefit of the Western Star is the rear wiring harness that does away with potential electrical issues and also has a better trade-in value.

Tracy Wyman noted he would like to have seen other bids, but stated Western Star is definitely a better truck and the wiring harness is a plus as he knows of electrical issues the Town has had in the past that have cost a lot to fix. Mr. Atherton advised this would be a municipal lease. The grader will be paid off soon and the payment will be rolled over. This is operating budget money and is not adding to the budget but continuing a current obligation. Mr. Atherton also noted the Mack will be paid off the end of next year. Mr. Wyman asked why the transmission warranty is not being considered. Mr. Atherton stated the engine warranty is two years, the truck warranty is one year but the transmission warranty is three years and the add-ons would start after those warranties end. Mike Markowski stated Western Star has always had better quality and have been known as the Cadillac of trucks.

Motion by Tracy Wyman/Michael Markowski to approve the purchase the Western Star truck and the first four and last add-on of the Extended Warranty menu. **The motion passed unanimously.**

Tim Guiles asked how many times towing has been required. Mr. Atherton advised it has been several times and Tracy Wyman noted that two tows would pay for the add-on. Mr. Atherton noted the grader will be paid off earlier than expected and the dump truck was paid off in January and two other capital leases have another couple of years. Mr. Atherton advised that they did ask about electric options, but they are not running them on the road yet and are used mostly in quarries.

8. Discuss Newton Road Pump Station Upgrade

Dave Atherton reported Steve Cijka, Tim Kingston and he met with Wayne and Jeff from Aldrich and Elliott regarding cost estimates for ARPA funds for the Newton Road pump station. There were a couple of versions offered for either an above-ground or a submersible pump. The alternative with the submersible pump was thought to be the better fit as the capital costs are less, the system doesn't need priming and it is quieter. There will be a lift for the pumps. Steve and Tim both thought that this is the way to go and is the less expensive route as well. The submersible pump is \$400,000 and the above ground is \$500,000, but supplies and materials will need to be determined, so it may be closer to \$500,000 for the submersible. Steve and Tim would rather have the submersible pump and would like a certain brand pump that is more durable. Mike Markowski asked the size of the valve pit and it was noted that it is five feet in diameter. Mr. Markowski noted it would just require another manhole near the other one. Seth Hopkins asked what the ARAP allotment will be and Mr. Atherton advised it would be about half. Mr. Hopkins asked about the fire district option for the grant. Mr. Atherton stated the projects for consideration have been connecting Fire District 1 and 2, the Newton Road pump station, running a sewer line to the town garage property and possibly doing the rest of Union Street. Tim Guiles noted the Energy Committee is also looking for a small amount of ARPA funds. Mr. Atherton reported he is invited to the Fire District's annual meeting in February and he will

know more following that meeting. Mr. Hopkins suggested discussing the list of projects at the next meeting. Mr. Atherton advised this is information for a future discussion and is hoping to have the cost for the town garage sewer connection soon. Mr. Atherton requested the Board consider which option is preferred for the pump station to be able to move forward with the rest of the design.

Motion by Tim Guiles/Tracy Wyman to approve the Alternative 4 option and move forward with the design process with funding to be determined. **The motion passed unanimously.**

Seth Hopkins would like to know what the design costs will be and Mr. Atherton advised he can get a better number for the Board. Mr. Atherton noted that the design will need to be determined, even if ARPA funds are not used in its entirety. Clean Water funding could also be used for this type of a project. Mr. Hopkins noted there was a preliminary discussion of funding the design. Mr. Atherton has been getting numbers for the projects for use of the ARPA funds and this is part of that information. Tim Guiles asked if there is another layer of design. Mr. Atherton stated this is the preliminary engineering report with the options and once the Town chooses an option, they then fine-tune to what the Town needs. The current information would not be sufficient for a bid packet for construction. Mike Markowski stated this would be the actuals for what materials will be used and actual set-up prints. Mr. Hopkins asked whether it would be ARPA funds or Town funds to be spent for the design work. Tracy Wyman suggested moving forward with the next step of going through the design of the project. Mr. Atherton advised that this information is useful for determining what is to be done with ARPA funds, but to move forward it would be easier to have a final design. The exact cost will not be known until it goes out to bid, but for the ARPA discussion, this will suffice as long as it is known that alternative 4 will be used. Dave Atherton encouraged ARPA fund discussions move forward as there is a deadline of 2024 for encumbering the funds for the projects with completion of the projects by 2026.

Sue Gage reported the ballot for the March vote also needs approval by the Select Board.

Motion by Tracy Wyman/Brian Coolidge to approve the ballot as presented. **The motion passed unanimously.**

9. Fiscal

a) Warrant – January 27, 2021 - \$162,712.36

Motion by Mike Markowski/Brian Coolidge to approve the warrant of January 24, 2021, in the amount of \$162,172.36. **The motion passed unanimously.**

Bill Moore reported the Lego League Robotics Team had their first meet that had to be a Zoom competition due to Covid. This program is a collaboration between the Rec Department at Tech Ed and OVUHS. They spent the last three months on this project. Mr. Moore wanted to acknowledge their work and hopes it will be a growing program at OVUHS and the Rec Department.

The Select Board recessed at 7:54PM.

The Select Board reconvened at 8:00PM.

Motion by Tracy Wyman/Brian Coolidge to enter into executive session at 8:00PM to discuss the appointment or employment, or evaluation of a public officer or employee under the provisions of 1 V.S.A. 313 (a)(3). **The motion passed unanimously.**

10. Executive Session

The Board came out of executive session at 8:20PM.

There was no action required.

Motion by Brian Coolidge/Tracy Wyman to enter into executive session at 8:21PM to discuss the appointment or employment, or evaluation of a public officer or employee under the provisions of 1 V.S.A. 313 (a)(3) to include the Town Manager. **The motion passed unanimously.**

11. Executive Session

The Board came out of executive session at 8:50PM.

There was no action required.

12. Adjournment

Motion by Brian Coolidge/Tracy Wyman to adjourn the Select Board meeting at 8:51PM. **The motion passed unanimously.**

Respectfully submitted,

Charlene Bryant
Recording Secretary



January 21, 2022

Selectboard Members,

On January 20th, the Brandon Revolving Loan Fund committee met to consider a loan request from Jessica Saceric to support her purchase of Delilah's hair salon.

Jessica presented a detailed plan on purchasing this 40+ year old Brandon institution from the current owner, Abigaile Swift. Jessica's extensive experience as a hairdresser and her detailed work around developing a comprehensive business plan to grow this already successful business was supported by her impressive presentation. The committee voted unanimously in favor of offering a loan.

The amount to be loaned is \$10,000. This amount represents 50% of the cost of purchasing the business. **The terms would be a 60-month loan amortized at a 1.25 % interest rate.** The loan would be secured with first security interest in all business assets of Delilah's, including all equipment. As is customary with all RLF loans personal Loan Guarantees will be signed by all principals of a newly formed corporation.

Delilah's has been a part of the community for many years. The fact that there is yet another entrepreneur who sees the value in continuing to operate a well-established business that serves a critical need for the people of Brandon speaks to the type of climate we have created around supporting locally owned enterprises. This type of "organic succession planning" that happens when a renter/employee moves up to become owner is critical for helping small businesses in rural communities survive and thrive.

Respectfully Submitted,

Bill Moore
Economic Development Officer

Town Manager Report for February 14, 2022

- I have applied for a VTrans Class 2 Highway paving grant to repave the Arnold District Road from the intersection of Hollow Road north to the town line.
- I have applied for a PACIF safety grant to cover the cost of new reflective roll-up warning signs for the Highway Department.
- Has a meeting with the engineers and structure fabricator to discuss the Arnold District box culvert replacement. We are hoping to get this project out to bid in March for last summer/early fall construction.
- I am currently reaching out to contractors to complete the repairs from the 1/31/22 flooding due to a broke pipe on the first floor of the Town Office. The folks at Disaster Recovery responded to our call immediately and had us cleaned up in six days. I have filed a claim with our insurance carrier and the damage assessor has already visited us and will send their report to VLCT.
- I have signed the subgrant agreement for \$458,970.00 for the three property buyouts on Newton Road. Once it has been signed by DPS I will be able to proceed with ordering appraisals. There is also an additional grant for \$22,948.50 to cover all management costs associated with this project.
- I have signed another subgrant agreement for \$7,612.50 with DPS that will cover 75% of the cost to update our Local Hazard Mitigation Plan

Rec Dept News:

- The Brandon Rec decided to cancel Winter Carnival this year.
- Baseball Sign-ups open up on February 28th for PK – 6th grades.
- A Jon Gailmor concert is tentatively scheduled for March 18th. Ticket details to come.
- B-rec is fielding a U12 soccer team to compete in the Rutland Rec indoor turf league starting in March.
- We are writing a Summer Matters grant in hope of providing free summer camp opportunities for Brandon Youth. This is a competitive program.
- Carnival plans are brewing, we are hoping to secure the end of July date; Miller Amusements will be providing our date by St. Patrick's day.
- Our Quiz night with the Brandon Free Public library will hold another 4 week session, this time at the Brandon Inn. Sign-up your team @ [Brandonpubliclibrary.org](https://brandonpubliclibrary.org)

February 9, 2022

Mr. Seth Hopkins
Chair, Town of Brandon Selectboard
49 Center Street
Brandon, VT 05733

Dear Seth:

On behalf of the Brandon Planning Commission, I write this Letter of Recommendation. MHG Renewables, a solar developer, presented to the Planning Commission (PC), various neighbors, and other interested parties this past Monday, February 7, 2022.

Thomas Hand, Co-founder MHG Solar provided a PowerPoint presentation which included background on MHG's previous projects, the proposed Brandon project layout, and some benefits which will be provided to the Town of Brandon. The PC additionally received Brandon's Town Plan Questionnaire with MHG's responses.

MHG's responses to Brandon's questionnaire are found to be complete and deemed satisfactory, including its proposed screening and vegetation management plan (Agrivoltaic Solutions). The responses address visibility concerns from roadways and adjacent neighbors in a reasonable and acceptable manner. During our Monday night meeting, Thomas Hand had positive discussion with one of the adjacent neighbors regarding visibility concerns.

Brandon's Energy Committee spoke with Ed Bove, Chair of the Rutland Regional Planning Commission (RRPC). Ed shared that the proposed site is not considered to be on prime agricultural soil. As defined in the Town Plan's Energy section, amended November 2019, this site should be considered suitable for a solar facility. Additionally, the Energy Committee contacted most of the Vermont municipalities in which MHG has developed solar facilities. The feedback received from Town Managers and Planning Commission Chairs has been positive with no concerns.

The RRPC had representation at our Monday night meeting and no concerns were brought up that we feel would be roadblocks. This project will assist the Town of Brandon in reaching our Energy Plan goals and Vermont's 2050 renewable energy goals.

After listening and having opportunity for discussion on this project with Thomas Hand and the Brandon Energy Committee, along with review of the Brandon Planning Commission Town Plan guidelines and MHG Renewables responses to the Town Plan Questionnaire; the Brandon Planning Commission recommends the Selectboard issue a Memo of Understanding of town support.

Thank you,

Liz Gregorek
Chair, Brandon Planning Commission

Attachments (4)

BRANDON SOLAR

Steinberg Road
Brandon, Vermont

BRANDON SOLAR

100 Main Street, Suite 200
Brandon, Vermont 05733



KREBS & LANSING
CONSULTING ENGINEERS

100 Main Street, Suite 200
Brandon, Vermont 05733

FOR MORE INFORMATION, CONTACT US AT
PHONE: 802.253.4444 FAX: 802.253.4445

ISSUED FOR PERMIT REVIEW
NOT FOR CONSTRUCTION

SOURCE DATA LEGEND

MAPPING SOURCE DATA USED FOR THIS PLAN COMPILED

ONE ENGINEERING

100 Main Street, Suite 200
Brandon, Vermont 05733

DATE: 08/20/2018

Drawn: [Name]

Checked: [Name]

Engineer: [Name]

Professional Seal

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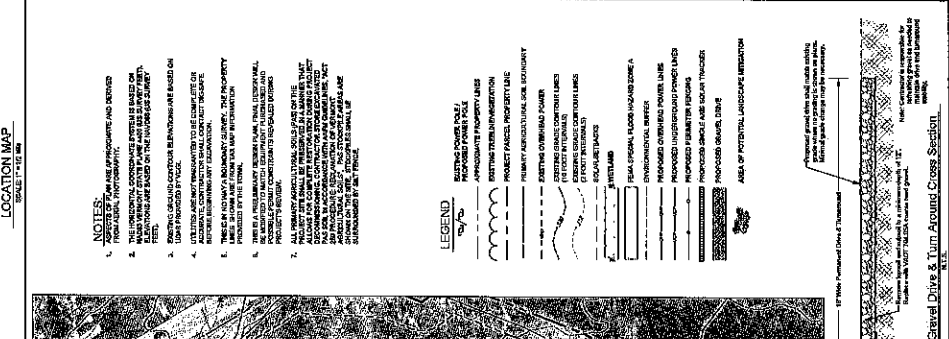
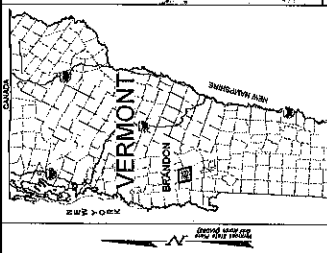
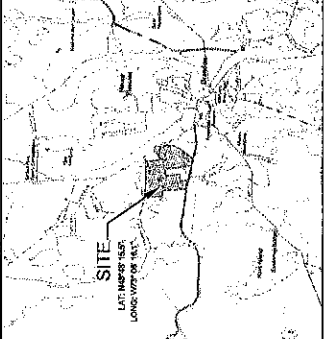
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Proposed Solar Array

NO.	REVISION/COMMENT	DATE
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2	REVISIONS	
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MHGH SOLAR

Brandon, Vermont | Proposed 2.2MW PV array

A B O U T M H G

MHG Solar was founded by Thomas Hand and Pete Giese. MHG focuses our project development on the thoughtful integration of energy and land use. We've built projects in repurposed slate quarries, marginal land in industrial parks, on building rooftops and in old gravel pits. As the market for solar projects has expanded and the need for renewable energy has increased, we have begun to include thoughtfully sited projects on under utilized agricultural lands and begun innovating on collocating agricultural activities with our projects. Our project portfolio reflects our passion and commitment to creative, thoughtful and innovative approaches to renewable energy projects.

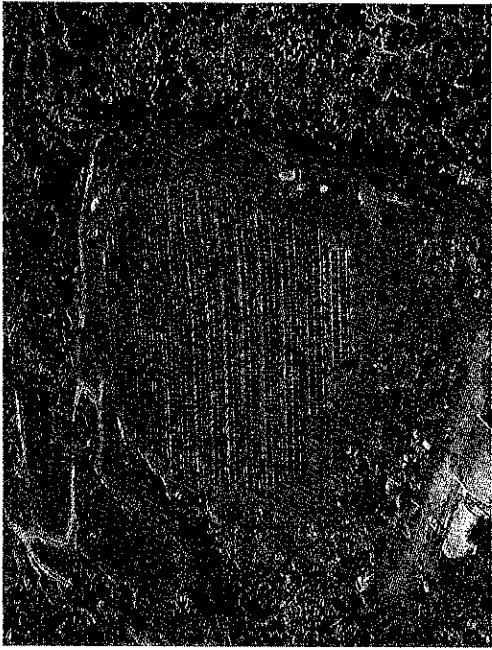
THOMAS HAND

Thomas leads MHG's market analysis, permitting, technical design and project execution efforts. Prior to starting MHG Thomas developed and still owns/manages a solar portfolio in Vermont that has grown to more than 2,000 kW since 2012. He has also led origination of project revenue for large community solar portfolios nationwide while working at SunEdison. As an asset owner himself, Thomas has a hands on approach to project development that leverages extensive knowledge of local permitting, interconnection and program design requirements. A graduate of Middlebury College, Thomas has run energy efficiency and renewable energy businesses throughout his career focused on innovative approaches to help advance us all toward a better climate future. He co-founded MHG and has a passion for optimizing energy project value by exploring innovative approaches to markets and portfolio design.

PETE GIESE

Pete leads land acquisition, legal and partnership development for MHG. Before MHG, Pete's gained more than a decade of experience in solar project origination and development that spans a range of portfolios encompassing more than 100 projects. From over 50MWs of large, municipal portfolios to more than 150MWs of community solar and ground based development, Pete has a broad base of energy development experience. Pete grew up on a dairy farm and has carried a passion for thoughtful land use throughout his career. He co-founded MHG based on the belief that renewable energy projects could be designed to achieve our global energy needs while still integrating with local communities and land use.

M H G E X P E R I E N C E



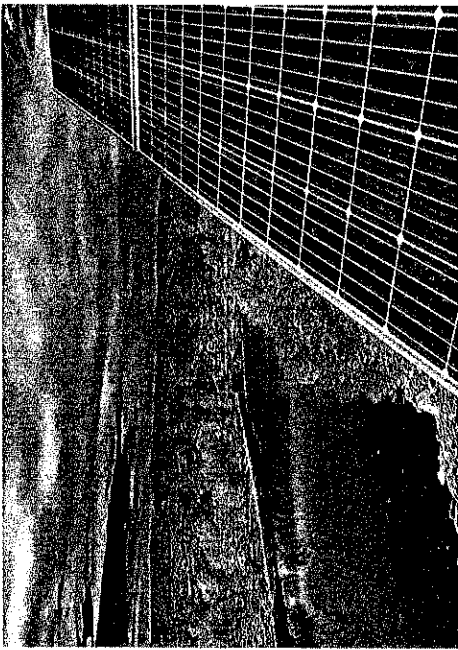
Warren Switch Quarry – Operational since 2020



Stoso Rd Solar Gravel Pit – Operational Jan 2022



Route 149 Quarry – Operational since 2019



Dirt Road Quarry – Operational since 2019

M H G E X P E R I E N C E

Site Name	Location	System Size	Year	System Type	Status	Project Type
Langway Motors	Manchester, VT	42 kW	2012	Rooftop	Operational	Net Metering
Langway Motors (Expansion)	Manchester, VT	102 kW	2013	Rooftop	Operational	Net Metering
The Dorset School	Dorset, VT	114 kW	2014	Rooftop	Operational	Net Metering
Fisher Elementary School	Arlington, VT	141 kW	2016	Rooftop	Operational	Net Metering
Riley Rink	Manchester, VT	159 kW	2016	Rooftop	Operational	Net Metering
RK Miles	Manchester, VT	214 kW	2017	Rooftop	Operational	Net Metering
Shafsbury Self Storage	Shafsbury, VT	192 kW	2018	Rooftop	Operational	Net Metering
Maple Street School	Manchester, VT	71 kW	2018	Rooftop	Operational	Net Metering
130 Taconic Business Park	Manchester, VT	112 kW	2018	Rooftop	Operational	Net Metering
350 Old Camp Rd	East Arlington, VT	103 kW	2018	Rooftop	Operational	Net Metering
Pig Pen Road	Manchester, VT	778 kW	2018	Ground Mounted	Operational	Net Metering
Wallingford Solar	Wallingford, VT	3,250 kW	2019	Ground Mounted	Operational	Standard Offer
Route 149	Pawlet, VT	820 kW	2019	Ground Mounted	Operational	Net Metering
Shields Drive	Bennington, VT	820 kW	2019	Ground Mounted	Operational	Net Metering
Blissville Rd	Poultney, VT	820 kW	2019	Ground Mounted	Operational	Net Metering
Dirt Rd	South Poultney, VT	465 kW	2019	Ground Mounted	Operational	Net Metering
Upper Rd	South Poultney, VT	820 kW	2020	Ground Mounted	Operational	Net Metering
Warren Switch	Pawlet, VT	820 kW	2020	Ground Mounted	Operational	Net Metering
Briar Hill	Pawlet, VT	811 kW	2020	Ground Mounted	Operational	Net Metering
Creek Road	Wallingford, VT	820 kW	2021	Ground Mounted	Operational	Net Metering
Staso Road	Castleton, VT	811 kW	2022	Ground Mounted	Operational	Net Metering
Fair Haven Ave	Fair Haven, VT	820 kW	CPG Issued	Ground Mounted	Construction in '22	Net Metering
Button Falls	Pawlet, VT	820 kW	CPG Issued	Ground Mounted	Construction in '22	Net Metering
Trolley Tracks Solar	Poultney, VT	3,300 kW	CPG Filed	Ground Mounted	Permitting	Standard Offer
Stone Mill Solar	Castleton, VT	3,300 kW	CPG Filed	Ground Mounted	Permitting	Standard Offer
Evergreen Road Solar	Fair Haven, VT	3,300 kW	CPG Filed	Ground Mounted	Permitting	Standard Offer
Halladay Solar	Middlebury, VT	3,300 kW	2/15/22 CPG filing	Ground Mounted	Permitting	Standard Offer
TOTAL		27,215 kW				

M H G P R O C E S S

Site Selection

With more than 20 CPGs for solar project operation in Vermont alone, MHG's principals have continually refined and improved our site selection process. For us, a successful project is one that makes maximal use of the land and available infrastructure while implementing site specific considerations to integrate into our design.

Key Features of Good Sites:

- **Visibility:** Existing Intervening Topography, Maximal Distance from Roads and Houses, and Existing Vegetation all help create the basis for good screening.
- **Screening:** MHG supplements existing conditions to further mitigate views at critical viewpoints and/or breaks in the natural screening
- **Infrastructure:** Proximity to Existing Electrical Infrastructure & Access Roads help concentrate project construction to the site itself
- **Natural Resources:** Minimal tree-clearing as existing trees are integrated into our design for screening. No removal of agricultural soils. No encroachment on wetlands.
- **Community:** MHG's goal is early outreach and open conversations about solutions to concerns. Town meetings, letters to neighbors and an open, public and extensive permitting process before anything gets built.

W H Y I T E ? T H I S

Steinberg Road Site

MHG's development process as it applies to the Steinberg Road Site:

Key Features:

- **Visibility:** Extensive existing tree lines form the basis of a strong starting point for screening. Setback more than 1,300 feet from Route 7 and 300+ feet from Route 73.
- **Screening:** Logical opportunities to add to existing vegetation to complete screening from tree lines.
- **Infrastructure:** Existing GMP electrical infrastructure, nearby electrical load and reasonable access to roads mean limited construction impacts outside of the solar project site itself.
- **Natural Resources:** Site plan KEEPS existing trees and ADDS new ones while also preserving all wetlands and other natural resources on the site. No ag soils will be removed from the site.
- **Community Integration and Impact:** Unique opportunity to partner with SolarFest to provide a stable, long-term home for them which will lead to economic and community development opportunities for Brandon year round. MHG sent letters and a draft site plan to six neighboring homes offering to discuss the project and invited them to attend the planning Commission meeting on 2/7/22.
- **Agrivoltaics:** Farming + Solar energy generation. See next slide for details.

Additional Benefits:

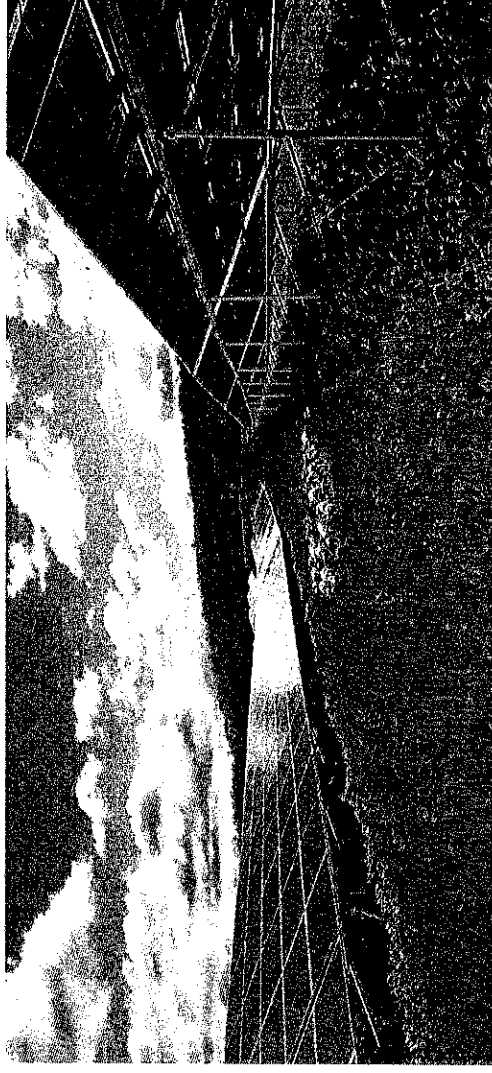
- **Property Tax Benefit:** ~\$3,000/yr of additional land tax, ~\$13,000/yr of personal property tax on the array
- **Potential for Energy Savings:** MHG operates a fleet of solar net-metered projects that we will happily provide solar credits from to Brandon area businesses and facilities.

A G R I V O L T A I C S

Agrivoltaics

MHG has engaged **Agrivoltaic Solutions** to manage the vegetation within and around the array using sheep. This dual use, solar energy generation + sheep grazing, creates additional benefits to farmers and the local community that include:

- Increased farm income via the sale of lamb + vegetation management contract
- No cost access to high quality forage
- Preservation of working agricultural lands and the farming community



Lewis Fox



Lewis Fox has an agricultural background with both small and large ruminants in the Northeast. Lewis has a BS in Animal Science from Cornell University, and has extensive experience within the dairy industry. Lewis has managed large scale cow, sheep and goat dairies in New York, and grew up on an organic grazing dairy in Vermont. Lewis owns and operates a commercial sheep operation as well as being a co-founder and partner in Agrivoltaic Solutions, which currently grazes solar assets for multiple farms in New York State, Vermont and Pennsylvania. Lewis is a founding board member of the American Solar Grazing Association.

BRANDON SOLAR
Building and
Survey, Vermont

BRANDON SOLAR
Vermont, Vermont

KREBS & LANSING
CONSULTING ENGINEERS
1000 Main Street, Suite 100
Burlington, Vermont 05401
Phone: (802) 244-1111
Fax: (802) 244-1112
www.krebslansing.com

DESIGNED FOR PERMIT REVIEW
NOT FOR CONSTRUCTION

DATE: 08/14/2012
BY: [Signature]
CHECKED BY: [Signature]
APPROVED BY: [Signature]

Proposed Solar Array

NO.	DATE	REVISION
1	08/14/2012	Initial Design

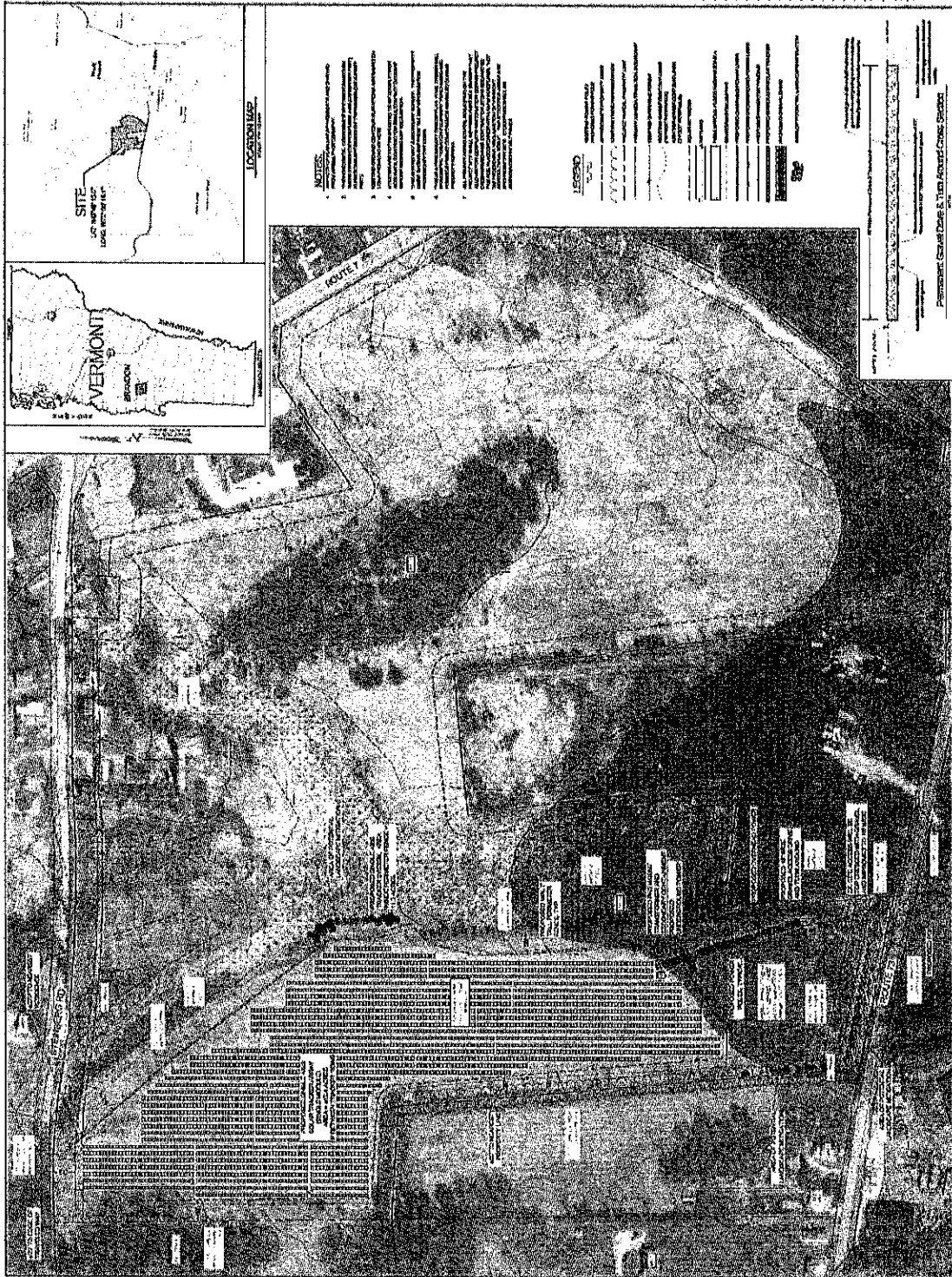
SCALE: 1" = 100'

DATE: 08/14/2012

BY: [Signature]

CHECKED BY: [Signature]

APPROVED BY: [Signature]



S I T E P L A N B R A N D O N

[illegible]

Brandon MHG Solar
LANDSCAPE PLAN SHEET NO. 11.0

Brandon Town Plan & Enhanced Energy Plan

Information Requested

Submitted by: MHG Solar

Date: 2/7/2022

By: Thomas Hand, Co-founder MHG Solar

Brandon Planning Commission Criteria for Siting Renewable Energy

Below is the Town of Brandon's Planning Commission's process for reviewing potential large-scale solar and other renewable energy generation projects within Brandon, and further, how the Town plans influence state regulatory proceedings:

- Act 250 applications must conform to the municipal plan.

MHG Response: Acknowledged

- Applications for a Section 248 Certificate of Public Good must give due consideration to the municipal plan; with an enhanced energy plan considered compliant, it has substantial deference.

MHG Response: Acknowledged

For uniformity, Brandon adopts these standards used by the State of Vermont for system classifications and supports the RES standards developed by the State as well as other statutory requirements and Comprehensive Energy Plan (CEP) goals for emissions reduction and renewable generation:

- State goal of having 90% of all energy use -- transportation, thermal and electricity -- come from renewables by the year 2050.
- The RES for Vermont utilities requiring that 75% of electricity sold in Vermont in 2032 be obtained from renewables.
- State and local and property tax statutes.
- 15 kW or less as the definition of small residential systems.
- Access requirement to firefighters and other emergency responders.

MHG Response: Acknowledged

Furthermore, every renewable energy project larger than 15 kW shall include a proposed site plan, a statement of compliance with all known and possible constraints, a project budget and scope, a qualified assessment by an energy professional as to the viability of the project, an action plan and a guaranteed funding source for decommissioning to ensure the site is safe, stable and free of structures and hazardous materials.

MHG Response:

- Please see included site plan
- MHG agrees to comply with all constraints
- MHG, as a company specializing in the development of solar arrays, believes the project is viable.
- MHG agrees to provide a guaranteed funding source for decommissioning

The following questionnaire will be sent to companies considering construction of renewable energy projects in/around the Town of Brandon (see appendix for proper form).

1. Owner information

A. Owner intends to construct a **2200** kW (sites >15kW need to fill out the form below; the form is not necessary for sites <15kW) at the following address or legal description (system site):

B. This site is on (circle one):

- i. ☐ Public Land
- ii. ☐ **Private land**

C. Is this a residential or commercial installation?

MHG Response: Commercial

D. This site does or does not require local permits or improvements in public roads/infrastructure improvements to access/operate the installation? If yes, please describe.

MHG Response: It is our understanding that the site will not require local permits. However, MHG desires to execute an MOU with the Town Planning Commission and the Select Board.

E. Has owner secured rights to use the above-mentioned site?

MHG Response: Yes.

F. Please describe what benefits this project would bring to the Brandon community.

MHG Response: Please see MHG's presentation to the Planning Commission on 2/7/22

G. This installation will be (circle one):

- i. ☐ net metered
- ii. ☒ grid tied

H. If net metered who will be receiving the generation credits?

MHG Response: NA

I. If this is a secure or restricted access site, how will security be handled? Will emergency personnel be able to access this site?

MHG Response: The site is required to have a fence per national electric code. The fence is the extent of the "security" that will be required for this site. We are happy to provide emergency personnel access to the site if desired.

- J. Who owns the RECs (Renewable Energy Credits)? Will the RECs be sold?
MHG Response: MHG is proposing this project as a Standard Offer project. The Standard Offer program purchases the power and the RECs and passes it through to Vermont utilities on a proportional basis relative to their respective sales. GMP has approximately 70% market share, so ~70% of the RECs and power will flow to GMP.

3. Project details

- A. Type of generation:
MHG Response: Solar
- B. Expected kW/kWh annual generation:
MHG Response: 2200 kWac. Expected annual generation: 4,000,000 kWh
- C. Is this a project that might be done in phases?
MHG Response: No
- D. Are there any other phases planned for this site in the future?
MHG Response: MHG has no other phases planned. We are working in collaboration with Solar Fest to help them obtain a permanent home. We understand that they may want to install a community solar facility in the future.
- E. Zoning variance required?
MHG Response: It is our understanding that a zoning variance is not required, however an MOU with the Town Planning Commission and Select Board is requested.
- F. If located on public land, are public approvals required?
MHG Response: The project is not located on public lands.
- G. Expected construction start date:
MHG Response: We expect to begin construction in spring 2024
- H. Expected completion date:
MHG Response: We expect to complete construction in the fall or early winter of 2024.
- I. Expected site maintenance plan:
MHG Response: The array will require minimal maintenance on an annual basis. This is typically performed by 1 or 2 personal who travel to the site in a pickup truck. Mowing of the array area is typically performed twice per year and is completed with standard lawn care equipment.
- J. Town of Brandon project timeline:
- Completed review by developer and town manager and planning commission
 - Pre-construction site visit

- Final visit after PUC certificate of good issued and review of scope of project changes
- Midpoint construction visit
- Final preoperational visit
- Annual operational visits (to ensure best possible service to investors, the Town of Brandon will request economic and energy updates from the company on an annual basis)

MHG Response: Acknowledged. MHG is happy to coordinate with the Town during the planning, construction, and operational phases of the project.

Siting of Solar Energy Facilities

Most sections of this Plan contain policies, goals, and action steps that affect the siting of new solar electricity-generation facilities, proposed system upgrades, associated access roads and utility lines, and site clearing in preparation for such development ("solar projects"). For the convenience of the municipality and developers, this section distills those policies, goals, and action steps into the following list.

To comply with this Plan, solar projects must meet the following criteria:

1. The Town encourages responsible solar project development and requires demonstrated compliance with all federal and state statutes and regulations, including all procedures and Public Service Board regulations, as well as Brandon ordinances to the extent permitted by law.

MHG Response: Acknowledged

2. Solar projects shall be consistent with the policies, goals, and action steps in this Plan, especially those in the Historic and Cultural Resources, Natural Resources, and Future Land Use sections.

MHG Response: Acknowledged

3. MOU. Preference will be given to solar projects when project developers have reached a written memorandum of understanding ("MOU"), negotiated with the Planning Commission and Town Manager and approved by the Select Board, addressing each of the elements in this subsection, as well as community concerns.

MHG Response: Our hope is that this conversation (1/11/22) is the first step in meeting this criterion.

4. Large projects. Large projects are ground-mounted solar projects of utility-scale solar generation and transmission facilities generating 150 kW or greater or requiring clearing and development of more than one acre of land.

MHG Response: Acknowledged

5. Small projects. Small projects are solar projects of less than utility scale (less than 150 kW) or covering less than one acre of land.

MHG Response: Acknowledged

6. River corridors and aquifers. Like much other development, solar projects are prohibited in Fluvial Erosion Hazard Zones and Source Protection Areas identified on Natural Resources Map 1.

MHG Response: Acknowledged, it is our understanding that the project as proposed meets these criteria.

7. Settlement pattern. Solar projects shall be sited in areas that reinforce Brandon's unique, historic settlement pattern of compact centers (Downtown, Forestdale, and Park Village)

surrounded by working farms and forests, as well as significant tracts of relatively undisturbed or regenerating natural areas. (See Future Land Use Map.)

MHG Response: Acknowledged. As we understand this criterion the project as proposed is in compliance.

8. Aesthetic impact. All solar projects shall be sited and screened so as to avoid adverse aesthetic impact.
 - a. In utilizing the so-called "Quechee Test," the "average person" shall be defined for these purposes as the Brandon Planning Commission and the Brandon Select Board.
 - b. Large projects shall be located in areas below the horizon from public and private vantage points and adhere, at a minimum, to the setback requirements set forth in Act 56 and all other applicable law.
 - c. Where not screened by topography or buildings, solar projects shall include screening consisting of native plantings that will reach a height sufficient to hide them from view within five years of installation. Existing vegetation shall be maximally utilized for such purposes.
 - d. Gateways. Because Brandon's tourism economy depends on its historic development pattern and the aesthetics derived from that pattern, large projects shall not be sited within the viewshed of drivers on Route 73 or Route 7.

MHG Response: A & B: Acknowledged. C & D: MHG acknowledges that the project as proposed has a small window of visibility from Route 7 near Steinberg Road, and approximately 350 ft of filtered visibility along Route 73. MHG proposes to work in conjunction with the Town to arrive at a mutually agreeable planting plan that will be implemented at MHG's expense once approved by the PUC.

9. Working lands. Recognizing the irreplaceability of Brandon's prime agricultural lands (primary agricultural soils as mapped by the U.S. Natural Resource Conservation Service), solar projects shall be sited to avoid conversion of such lands to solar or wind energy production. Solar projects shall also minimize clear-cutting of mature timberland.

MHG Response: MHG acknowledges that the parcel may contain agricultural lands including the area proposed for the solar array. However, our initial review indicates that the soils are not considered "Prime". Regardless of the final soil classification, the array will be installed in such a manner that the agricultural soils will be preserved. The only excavation required on the site will be for the installation of below ground power lines, a transformer and for a short access road. In all cases MHG agrees to separate soils by horizon and stockpile the soils for the life of the project.

10. Fish & game; habitat connectivity. Hunting, fishing, and passive wildlife enjoyment are important to Brandon's history, lifestyle, and economy. So as to avoid adverse impacts on wildlife populations and human activities dependent on them, solar projects shall be located outside of critical habitat connectivity areas (see Semi-Regional Habitat Connectivity Map) or if located within critical habitat connectivity areas, shall not involve fencing or other permanent structures that the Vermont Agency of Natural Resources determines would interfere with the movement of wide-ranging mammals and other wildlife through such areas. Solar project developers shall demonstrate avoidance or mitigation of impact on rare, threatened, or endangered species, including amphibians, reptiles, and fish.

MHG Response: MHG will conduct a complete review for rare, threatened and endangered species once an MOU with the Town has been finalized. However, our initial research has not found any RTE species or areas of concern within the project footprint.

11. Adaptive reuse. Reuse of brownfields, grayfields, and previously disturbed areas (such as quarries, but not including agricultural fields) is preferred, but the preference shall not be applied when other criteria listed in this subsection are not met.

MHG Response: Acknowledged.

12. Decommissioning. Solar project developers shall present a satisfactory decommissioning plan, bond, or both.

MHG Response: MHG intends to develop this project as a Standard Offer project. Standard Offer projects are required to have both a decommissioning plan and to post a bond with the PUC.



MEMO TO: Brandon Elect Board
FROM: The Brandon Energy Committee (BEC)

RE: Town Wide Energy Baseline Study

The BEC is seeking support from the Select Board to proceed with the development and distribution of a survey to Brandon businesses and residents.

The intention of the survey is to establish for the first time a reasonable approximation of the baseline of energy usage and greenhouse gas generation of residences and businesses of Brandon.

With your approval to proceed, we will complete the survey and distribute it in first electronic format (Google Forms) and subsequently in hard copy as needed.

We expect to undertake this survey periodically to track progress the Town is making toward the goals we are mandated to accomplish of reducing greenhouse gases and shifting to renewable energy sources.

We will issue progress reports of our findings from this survey. We will use the results of it as a basis for a variety of decisions we make as a committee in terms of how we focus our efforts in the coming years and decades. We hope the information will be of use to other groups in Brandon as well.

Brandon Fire District No. 1

58 Franklin Street
Brandon, Vermont 05733
802.247.3311
brandonfdno1@myfairpoint.net

Brandon Select Board
Town of Brandon
49 Center Street
Brandon, VT 05733

Dear Mr. Hopkins

Brandon Fire District #1 (BFD#1) is respectfully requesting that the Select Board consider using some of the American Rescue Plan Act of 2021 (ARPA) funds to support providing a clean and reliable water supply to a number Brandon residents in the Forest Brook development.

The residents of the Forest Brook development have approached BFD#1 to consider connecting their current water distribution system (known as Brandon Fire District #2 (BFD#2)) to the BFD#1 water distribution system. The BFD#2 system includes a water well, pumping facilities and a distribution system to the homes in the development. Currently there is no fire hydrant system in the development, other than a hydrant at the entrance to the development along Route 53. The BFD#1 favorably considers this proposal from the BFD#2 for implementation. This assumes that the BFD#2 system currently meets the State's regulations; however, funds are not available in the current or upcoming fiscal year to implement this project.

It has been estimated that the connection process would cost between \$85,000 and \$120,000, based on a preliminary engineering estimate. The funds would be used to provide the detailed engineering for the physical connection of the two systems, disconnection and abandonment of current facilities, obtaining all of the necessary permits, the actual physical construction of the connection, strategically installing a fire hydrant within the development and performing all water quality and associated tests after construction.

The BFD#1 Prudential Committee awaits your decision on this issue. Our plan would be to perform this activity during the current year. As you know the permitting and procurement process can take some time.

Thank you for your consideration.

Regards



William Moore
Chairman, Prudential Committee
Brandon Fire District #1



Only Tap Water **Delivers**



OTTER CREEK ENGINEERING

February 10, 2020

Mr. Ray Counter
Water Superintendent
Brandon Fire District No. 1
58 Franklin Street
Brandon, VT 05733

Subject: Brandon Fire District #2 Consolidation

Dear Ray:

The following outlines the projected engineering and construction costs to connect Brandon Fire District #2 (BFD#2) to Brandon Fire District #1 (BFD#1). From a logistics perspective this would be accomplished by installing a new 8" water main from BFD#1's water main on North Street along Deer Run Road and connection to BFD#2's water main. Followed by disconnecting BFD2's well, and demolishing the reservoir and pump house.

We anticipate the construction of the interconnection, testing and restoration, that this project would take 1 1/2 weeks to complete. An additional week to complete the cut / caps and abandonment of the BFD#2 facilities. Based on the current design we would recommend the following budgets:

Engineering:

Design Permitting and Bid	\$7,000
Permit Fees to State	\$1000
Construction Phase Services	<u>\$3,000</u> (inspection connections and issue certification letter)
Subtotal:	\$11,000

Construction

Construction Estimate	\$90,000 (note 1)
Contingency (15%)	<u>\$13,500</u> (note 2)
Subtotal:	\$103,500

Total: **\$114,500**

Note 1: Previous construction cost estimate of \$60,000+/- did not include the abandonment / demolition of facilities.

Note 2: You may want to consider a larger contingency given the impacts of Covid-19 on pricing and materials availability.

P.O. Box 712
404 East Main Street
East Middlebury, VT 05740
802.382.8522

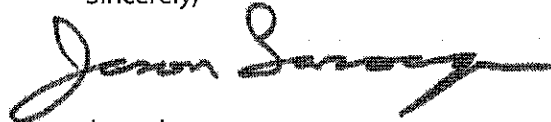
110 Merchants Row
4th Floor, Suite 15
Rutland, VT 05701
802.747.3080
ottercrk.com

93 South Main Street
Suite 203A
West Lebanon, NH 03784
603.696.3075

Please refer to the attached Engineer's Cost Estimate for a itemized breakdown of anticipated construction costs. These costs presume that this project will be bid and constructed using BFD#1's procurement process and will not require DBE notification, prevailing wages, or Buy American provisions. Additionally, as referenced in note 2, we are expecting project costs to fluctuate greatly from project to project this year due to the pandemic and the number of projects out to construction.

Should you have any questions regarding this information, please do not hesitate to contact me.

Sincerely,



Jason Larocque
President

CLIENT: BRANDON FIRE DISTRICT NO. 1
PROJECT NAME: BRANDON FIRE DISTRICT NO. 2 CONNECTION
DATE 2/10/2022

Item No.	Description	Unit Quantity	Unit	Unit Price	Total Price
Lump Sum Items					
1.0	Contract General Conditions	1	L.S.	\$ 10,000.00	\$ 10,000.00
2.0	Erosion Prevention and Sediment Control	1	L.S.	\$ 2,500.00	\$ 2,500.00
3.0	Demolition of Existing Pump House	1	L.S.	\$ 10,000.00	\$ 10,000.00
4.0	Remove Pumps and Salvage Pump House Equipment	1	L.S.	\$ 2,500.00	\$ 2,500.00
5.0	Disconnect Well at Pitless	1	L.S.	\$ 2,500.00	\$ 2,500.00
6.0	Disconnect Eelectric (GMP)	1	L.S.	\$ 1,000.00	\$ 1,000.00
7.0	Abandon Reservoir	1	L.S.	\$ 7,000.00	\$ 7,000.00
Unit Price Items					
8.0	Earthwork				
8.1	Trench Rock Removal	10	C.Y.	\$ 200.00	\$ 2,000.00
8.2	Additional Excavation Below Subgrade	25	C.Y.	\$ 45.00	\$ 1,125.00
8.3	Miscellaneous Excavation and Backfill	25	C.Y.	\$ 35.00	\$ 875.00
9.0	Bituminous Concrete Pavement including Gravel Base and Gravel Subbase				
9.1	Bituminous Concrete Pavement, Base Pavement Trench Patch	70	S.Y.	\$ 120.00	\$ 8,400.00
10.0	Water Mains				
10.1	8-inch Ductile Iron Water Main	220	L.F.	\$ 100.00	\$ 22,000.00
10.2	6-inch Ductile Iron Water Main	5	L.F.	\$ 100.00	\$ 500.00
10.3	4-inch Ductile Iron Water Main	10	L.F.	\$ 100.00	\$ 1,000.00
11.0	Water Gate Valves				
11.1	8-inch Gate Valve	3	EA.	\$ 2,200.00	\$ 6,600.00
12.0	Interconnecting to Existing Water System				
12.1	Interconnecting to Existing Water System (8-inch)	1	EA.	\$ 2,000.00	\$ 2,000.00
12.2	Interconnecting to Existing Water System (4-inch)	2	EA.	\$ 1,200.00	\$ 2,400.00
13.0	Ductile Iron Fittings				
13.1	D.I. M.J. Water Main Fittings	550	LBS.	\$ 5.00	\$ 2,750.00
14.0	Hydrant Assembly				
14.1	Install Fire Hydrant Assembly	1	EA.	\$ 2,500.00	\$ 2,500.00
15.0	Thrust Blocks				
15.1	Cast in Place Concrete Thrust Blocks	2	C.Y.	\$ 500.00	\$ 1,000.00
16.0	Pipe Insulation				
16.1	Buried Rigid Insulation Board	32	S.F.	\$ 3.00	\$ 96.00
17.0	Pipe Joint Thrust Restraint				
17.1	Pipe Joint Thrust Restraint	5	EA.	\$ 175.00	\$ 875.00
Total Opinion Probable Construction Cost					\$ 89,621.00

ANNUAL FINANCIAL PLAN - TOWN HIGHWAYS
19 V.S.A. § 306(j)

TA-60

Town _____ of **Brandon** Fiscal Year **2022** Begin **7/1/22** End **6/30/23**

INCOME

DESCRIPTION	ESTIMATED
State Funds - 19 V.S.A. Section 306(a):	
Class 1 2.214	\$ 25,760.16
Class 2 16.01	\$ 68,416.40
Class 3 40.24	\$ 63,886.91
Town Tax Funds – 19 V.S.A. Section 307	\$ 738,286.53
Special Funds (e.g., bonds or earmarks):	
a.	\$
b.	\$
c.	\$
TOTAL	\$ 896,350.00

EXPENSES

DESCRIPTION	ESTIMATED
Winter Maintenance	\$ 536,315.00
Non-Winter Maintenance	\$ 360,035.00
Major Construction Projects	
a.	\$
b.	\$
c.	\$
TOTAL	\$ 896,350.00

Comments:

This form shall be signed by the appropriate town officials and forwarded to the District Transportation Administrator.

TA-60 Rev 09-13

ANNUAL FINANCIAL PLAN - TOWN HIGHWAYS

19 V.S.A. § 306(j)

(page 2)

TA-60

We, the Legislative Body of the Municipality of Brandon certify
that funds raised by municipal taxes are equivalent to or greater than a sum of at least **\$300.00**
per mile for each mile of Class 1, 2, and 3 Town Highway in the municipality. (19 V.S.A. 307)

Date: _____

(Duly Authorized Representatives)

The submitted Town Plan meets the requirements of Title 19, Section 306(j).

Date: _____

District Transportation Administrator

TOWN ROAD AND BRIDGE STANDARDS

(June 5, 2019)

MUNICIPALITY OF Brandon, VERMONT

The Legislative Body of the Municipality of Brandon hereby adopts the following Town Road and Bridge Standards which shall apply to the construction, repair, and maintenance of town roads and bridges.

The standards below are considered minimums. Municipalities that have construction standards / specifications in place that meet or exceed the minimum standards: indicate adoption date and include as Appendix C. Date of Adoption: 4/28/2013

Municipalities must comply with all applicable state and federal approvals, permits and duly adopted standards when undertaking road and bridge activities and projects.

Any new road regulated by and/or to be conveyed to the municipality shall be constructed according to the minimum of these standards.

Circle YES or NO below to indicate town adoption of that section of the Standards

Road and Bridge Standards Sections	Hydrologically-connected road segments*	Non-hydrologically-connected road segments**
Section 1 – Municipal Road Standards	<u>YES</u> (Required by Act 64)	<u>YES</u> NO
Section 2 – Class 4 Road Standards	<u>YES</u> (Required by Act 64)	<u>YES</u> NO
Town wide		
Section 3 - Perennial stream- bridge and culvert standards	<u>YES</u> (Required by DEC Stream Alteration Standard)	
Section 4 – Intermittent stream crossings	<u>YES</u> NO	
Section 5 - Roadway construction standards	<u>YES</u> NO	
Section 6 - Guardrail standard	<u>YES</u> NO	
Section 7 - Driveway access standard	<u>YES</u> NO	

Road segments – ANR Resources Atlas includes a map layer of all of Vermont's municipal roads divided into 100-meter (328 foot) segments, each with a unique identification number.

***Hydrologically-connected road segments** - are those municipal road segments and catch basin outlets, Class 1-4, as shown on the ANR Natural Resources Hydrologically-connected municipal road segment layer (<http://anrmaps.vermont.gov/websites/anra5/>) or the Road Erosion Inventory Scoring (MRGP Implementation Table portal) layer (<https://anrweb.vt.gov/DEC/IWIS/MRGPRptViewer.aspx?ViewParms=True&Report=Portal>).

****Adoption of standards on non-hydrologically-connected road segments** does not indicate that these road segments are then subject to the Municipal Roads General Permit (MRGP).

Municipalities may also find additional resources in the latest version of the *Vermont Better Roads Manual*.
<https://vtrans.vermont.gov/sites/aot/files/highway/documents/ltf/Better%20Roads%20Manual%20Final%202019.pdf>

Road and Bridge Standards Sections

Section 1 – Municipal Road Standards - See Appendix A

These standards are required by Act 64 and the DEC Municipal Roads General Permit (MRGP) for hydrologically-connected roads only.

Municipalities may adopt Section 1 Road standards by road type for non-hydrologically-connected roads/segments/catch basins.

Section 2 – Class 4 Road Standards - See Appendix A

Bridge and culvert work on perennial stream crossings must conform with the statewide DEC Stream Alteration Standard.

Streambank stabilization and other in-stream work must conform with the statewide DEC Stream Alteration Standard.

“Intermittent streams” are defined as streams with beds of bare earthen material that run during seasonal high flows but are disconnected from the annual mean groundwater level.

*Municipalities shall indicate their own construction criteria

When a roadway, culvert, bridge, or retaining wall construction or reconstruction project results in hazards such as foreslopes, drop offs, or fixed obstacles within the designated clear-zone, the AASHTO Roadside Design Guide will govern the analysis of the hazard and the subsequent treatment of that hazard. For roadway situations, an approved barrier system may be steel beam guardrail with 6-foot posts and approved guardrail end treatment. If there is less than 3 feet from the rail to the hazard, then steel beam guardrail with 8-foot posts shall be used. The G-1D is an example of an approved guardrail end treatment. For bridge rails systems, VTrans bridge rail standards shall be referenced.

The municipality has a process in place, formal or informal, to review all new drive accesses and development roads where they intersect town roads, as authorized under 19 V.S.A. Section 1111. Municipality may reference Vtrans Standard *A-76 Standards for Town & Development Roads* and *B-71 Standards for Residential and Commercial Drives*; the Vtrans *Access Management Program Guidelines*; and the latest version of the *Vermont Better Roads Manual* for other design standards and specifications.

Selectboard / City Council / Village Board of Trustees:

Appendix A

Section 1: MUNICIPAL ROAD STANDARDS

The following standards constitute the minimum required Best Management Practices (BMPs) for municipal roads. These standards shall apply to the construction, repair, and maintenance of all town roads and bridges.

It is the municipality's responsibility to maintain all practices after installation. Roads not meeting these standards must implement the BMPs listed below in order to meet the required town's standards.

Feasibility

Municipalities shall implement these standards to the extent feasible. In determining feasibility, municipalities may consider the following criteria: The implementation of a standard listed in of this documentation does not require the acquisition of additional state or federal permits or noncompliance with such permits, or noncompliance with any other state or federal law. The implementation of a standard does not require the condemnation of private property; impacts to significant environmental and historic resources, including historic stone walls, historic structures, historic landscapes, or vegetation within 250 feet of a lakeshore; impacts to buried utilities; and excessive hydraulic hammering of ledge.

Standards for All Construction and Soil Disturbing Activities

Following construction and soil disturbance on a road, all bare or unvegetated areas shall be revegetated with seed and mulch, hydroseeded, or stone lined within 5 days of disturbance of soils, or, if precipitation is forecast, sooner.

Standards for Gravel and Paved Roads with Ditches

Baseline Standards for Gravel and Paved Roads with Ditches

The following are the standards for all gravel and paved municipal roads with drainage ditches, whether or not erosion is present. These standards also apply to all new construction and significant upgrades of stormwater treatment practices.

A. Roadway/Travel Lane Standards

1. Roadway Crown

- a. Gravel roads shall be crowned, in or out-sloped:
Minimum: ¼ inch per foot
Recommended: ¼ inch to ½ inch per foot or 2% - 4%
- b. Paved/ditched roads shall be crowned during new construction, redevelopment, or repaving where repaving involves removal of the existing paving.
Minimum: 1/8 inch per foot or 1%
Recommended: 1% - 2%

2. Shoulder berms (also called Grader/Plow Berm/Windrows)

Shoulder berms shall be removed to allow precipitation to shed from the travel lane into the road drainage system. Roadway runoff shall flow in a distributed manner to the drainage ditch or filter area and there shall be no shoulder berms or evidence of a "secondary ditch". Shoulder berms may remain in place if the road crown is in-sloped or out-sloped to the opposite side of the road from berm side of road. The shoulder berm standard only applies to gravel roads with drainage ditches.

B. Road Drainage Standards

Roadway runoff shall flow in a distributed manner to grass or a forested area by lowering road shoulders or conversely by elevating the travel lane level above the shoulder. Road shoulders shall be lower than travel lane elevation. If distributed flow is not possible, roadway runoff may enter a drainage ditch, stabilized as follows:

1. For roads with slopes between 0% and 5%: At a minimum, grass-lined ditch, no bare soil. Geotextile and erosion matting may be used instead of seed and mulch. Alternatively, ditches may be stabilized using any of the practices identified for roads with slopes 5% or greater included in subpart B.2 below.

Recommended shape: trapezoidal or parabolic cross section with mild side slopes; 2 foot horizontal per 1 foot vertical or flatter and 2-foot ditch depth.

2. For roads with slopes 5% or greater but less than 8%:
 - a. Stone-lined ditch: minimum 6 to 8-inch minus stone or the equivalent for new practice construction. Recommended 2-foot ditch depth from top of stone-lined bottom,
 - b. Grass-lined ditch with stone check dams¹, or
 - c. Grass-lined ditch if installed with disconnection practices such as cross culverts and/or turnouts to reduce road stormwater runoff volume. There shall be at least two cross culverts or turnouts per segment disconnecting road stormwater out of the road drainage network into vegetated areas or spaced every 160 feet.
3. For roads with slopes of 8% or greater: Stone-lined ditch.
 - a. For slopes greater than or equal to 8% but less than 10%: minimum 6 to 8-inch minus stone or the equivalent for new construction. Recommended 2-foot ditch depth from top of stone-lined bottom.
 - b. For slopes greater than 10%: minimum 6 to 8-inch minus stone. Recommended 12-inch minus stone or the equivalent. Recommended 2-foot ditch depth from top of stone-lined bottom.
4. If appropriate, bioretention areas, level spreaders, armored shoulders, and sub-surface drainage practices may be substituted for the above road drainage standards.

C. Drainage Outlets to Waters & Turnouts

Roadway drainage shall be disconnected from waterbodies and defined channels, since the latter can act as a stormwater conveyance, and roadway drainage shall flow in a distributed manner to a grass or forested filter area. Drainage outlets and conveyance areas shall be stabilized as follows:

1. Turn-outs – all drainage ditches shall be turned out to avoid direct outlet to surface waters.
2. There must be adequate outlet protection at the end of the turnout, based upon slope ranges below. Turnout slopes shall be measured on the bank where the practice is located and not based on the road slope.
 - a. For turnouts with slopes of 0% or greater but less than 5%: stabilize with grass at minimum. Alternatively, stabilize using the practices identified in subpart b – c below, when possible.
 - b. For turnouts with slopes 5% or greater: stabilize with stone.
 - c. For slopes greater than 5% but less than 10%: minimum 6-inch to 8-inch minus stone or the equivalent for new construction.
 - d. For slopes greater than 10%: minimum 6 to 8-inch minus stone or equivalent for new construction. Recommend 12-inch minus stone or the equivalent.

¹ See check dam installation specifications.

Drainage and Intermittent Stream Culvert Standards

The following are the required culvert standards for all gravel and paved roads with ditches where rill or gully erosion is present. These standards also apply to new construction and significant upgrades of stormwater treatment practices.

1. Municipal Culverts (Drainage and Intermittent Streams)
 1. Culvert end treatment or headwall required for areas with road slopes 5% or greater if erosion is due to absence of these structures. End treatment or headwall is required for new construction on slopes 5% or greater.
 2. Stabilize outlet such that there will be no scour erosion, if erosion is due to absence or inadequacy of outlet stabilization. Stone aprons or plunge pools required for new construction on road slopes 5% or greater.
 3. Upgrade to 18-inch culvert (minimum), if erosion is due to inadequate size or absence of structure.
 4. A French Drain (also called an Underdrain) or French Mattress (also called a Rock Sandwich) sub-surface drainage practice may be substituted for a cross culvert.
2. Driveway Culverts within the municipal ROW
 1. Culvert end treatment or headwall required for areas with road slopes of 5% or greater, if erosion is due to absence of these structures. End treatment or headwall is required for new construction.
 2. Stabilize outlet such that there will be no scour erosion, if erosion is due to absence or inadequacy of outlet stabilization. Stone aprons or plunge pools required for new construction.
 3. Upgrade to minimum 15-inch culvert, 18-inch recommended, if erosion is due to inadequate size or absence of structure.

Standards for Paved Roads with Catch Basins

Catch Basin Outlet Stabilization: All catch basin outlets shall be stabilized to eliminate all rill and gully erosion. Catch basin outfall stabilization practices include: stone-lined ditch, stone apron, check dams and culvert header/headwall.

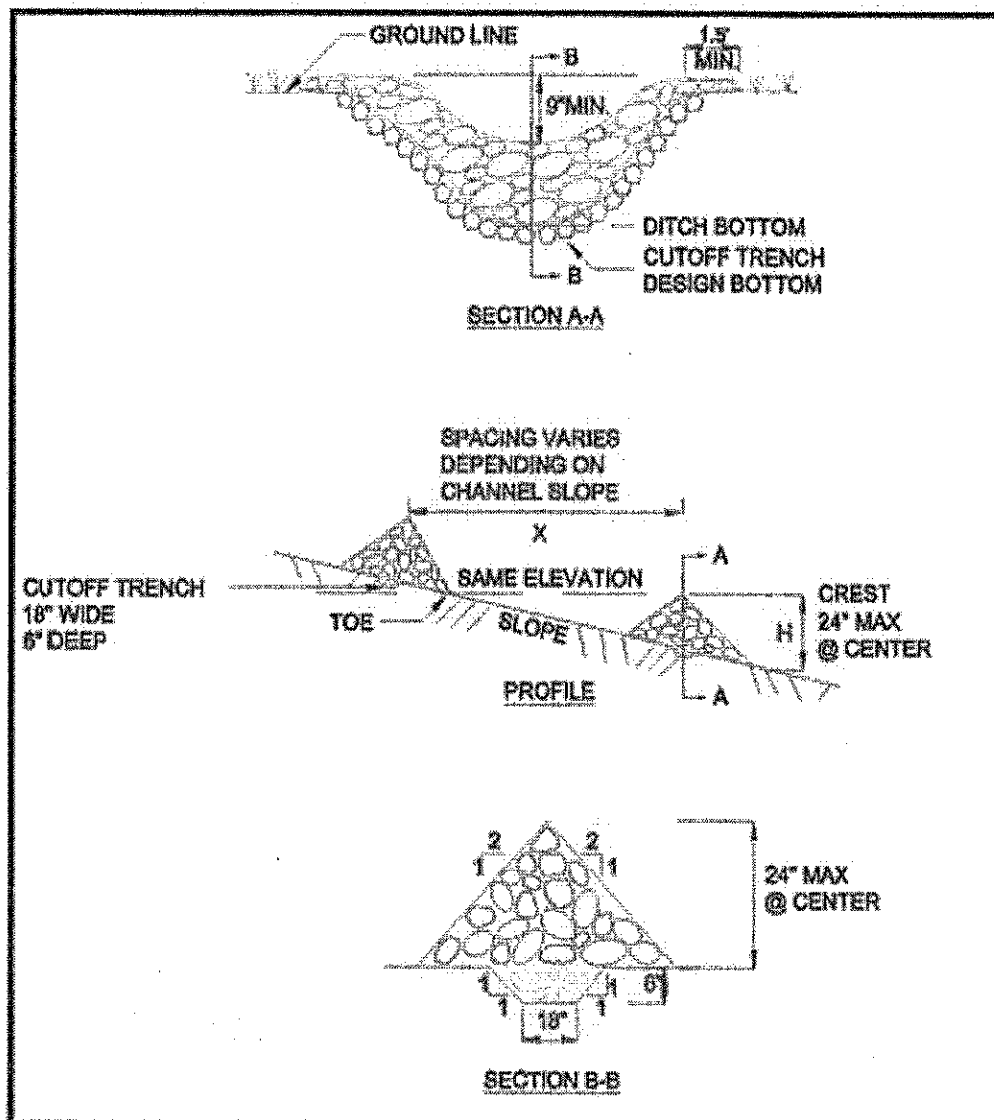
Stone Check Dam Specification

- Height: No greater than 2 feet. Center of dam should be 9 inches lower than the side elevation
- Side slopes: 2:1 or flatter
- Stone size: Use a mixture of 2 to 9-inch stone
- Width: Dams should span the width of the channel and extend up the sides of the banks
- Spacing: Space the dams so that the bottom (toe) of the upstream dam is at the elevation of the top (crest) of the downstream dam. This spacing is equal to the height of the check dam divided by the channel slope.

$$\text{Spacing (in feet)} = \frac{\text{Height of check dam (in feet)}}{\text{Slope in channel (ft/ft)}}$$

- Maintenance: Remove sediment accumulated behind the dam as needed to allow channel to drain through the stone check dam and prevent large flows from carrying sediment over the dam. If significant erosion occurs between check dams, a liner of stone should be installed.

Check Dam Specification:



Section 2: STANDARDS FOR CLASS 4 ROADS

Stabilize any areas of gully erosion with the practices described above or equivalent practices. Disconnection practices such as broad-based dips and water bars may replace cross culverts and turnouts.

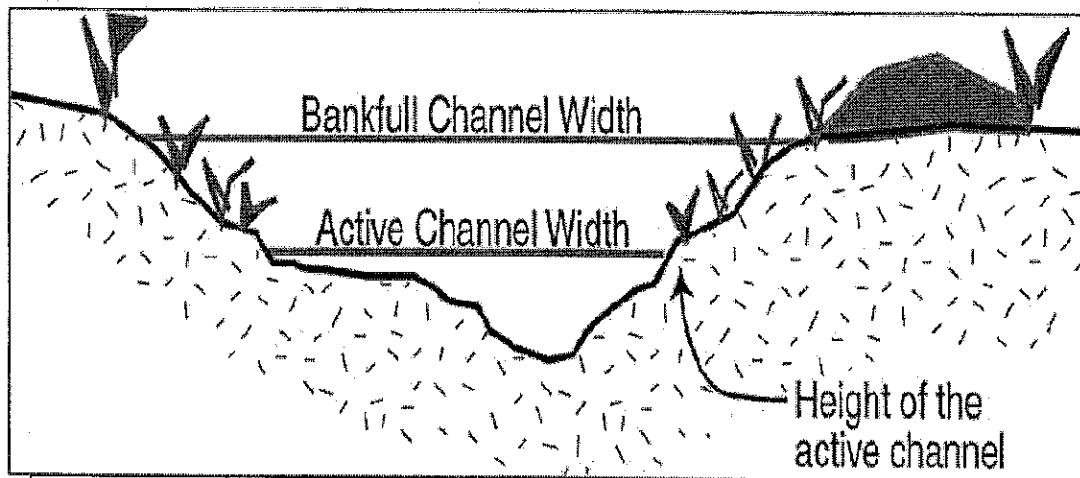
Appendix B

Active Channel Culvert Sizing for Intermittent Stream Crossings

Choose the drainage area closest to your crossing site drainage area

Drainage Area (Acres)	Minimum Diameter for Culverts on Intermittent Streams (inches)
4	15
8	18
16	24
20	30
40	36
50	42
80	48
120	60
160	66
200	<i>Streams with drainage areas of 160 acres or greater are likely to be perennial. Adhere to the VTDEC Technical Guidance for Identification of Perennial Streams</i>
320	
350	
450	
640	

Active Channel Width



Active Channel Width means the limits of the streambed scour formed by prevailing stream discharges, measured perpendicular to streamflow. The active channel is narrower than the bankfull width (approximately 75%) and is defined by the break in bank slope and typically extends to the edge of permanent vegetation.

Culvert sizing for crossings on intermittent streams: Determine the Active Channel Width by field measurements, *the culvert size should meet or exceed the Active Channel Width*. To obtain the measurements go to the crossing location and obtain several upstream Active Channel Width measurements in riffle (fast moving water) narrower channel locations. The selected channel width should be a representative average of the field measurements. In the absence of field measurements, the drainage areas in the table can be used.

**Certification of Compliance
for
Town Road and Bridge Standards
and
Network Inventory**

We, the Legislative Body of the Municipality of Brandon, VT certify that we have reviewed, understand and comply with the Town Road and Bridge Standards / Public Works Specifications and Standards passed and adopted by the Selectboard / City Council / Village Board of Trustees on April 8, 2013.

We further certify that our adopted standards ☒do ☐do not meet or exceed the minimum requirements included in the June 5, 2019 State-approved template.

We further certify that we ☒do ☐do not have an up-to-date highway network inventory which identifies location, size, deficiencies/condition of roads, bridges, causeways, culverts and highway-related retaining walls on class 1, 2, and 3 town highways, and estimated cost of repair.

(Duly Authorized Administrator)

Date: _____

For a summary of your community's road and bridge information please visit: tinyurl.com/rdsinfo

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200263	ALDRICH & ELLIOTT, PC	02/01/22 WWTF upgrade final design	20-5-60-20130	33455.70	50582	02/14/22
		80380	WW Final Design			
200263	ALDRICH & ELLIOTT, PC	02/01/22 Newton Road Pump Station	20-5-65-20010	2140.00	50583	02/14/22
		80403	Newton PS Study			
100015	ALLEN ENGINEERING & CHEMI	01/19/22 chlorine	20-5-55-50120	580.80	50584	02/14/22
		11152341401	Sodium Hypochlorite			
311028	AMERICAN LEGION POST #55	01/27/22 appropriation	10-5-25-70170	6250.00	50585	02/14/22
		FEB 2022	American Legion Post #55			
310590	AMERICAN WINDOW CLEANING	01/28/22 jan windows	10-5-22-43100	50.00	50586	02/14/22
		6477	Town Office			
300541	ARC RUTLAND AREA	01/27/22 appropriation	10-5-25-70330	875.00	50587	02/14/22
		FEB 2022	ARC of Rutland			
311015	BEN'S UNIFORMS	01/25/22 work jacket	10-5-14-10320	286.00	50588	02/14/22
		101238	Clothing Allowance			
311015	BEN'S UNIFORMS	01/25/22 vest, pants, jacket	10-5-14-10320	1008.00	50588	02/14/22
		101240	Clothing Allowance			
100245	BRANDON AREA CHAMBER OF C	01/27/22 appropriation	10-5-25-70140	250.00	50589	02/14/22
		FEB 2022	Chamber of Commerce			
100305	BRANDON AREA RESCUE SQUAD	01/27/22 appropriation	10-5-25-70130	7000.00	50590	02/14/22
		FEB 2022	Brandon Rescue Squad			
100275	BRANDON FREE PUBLIC LIBRA	01/27/22 APPROPRIATION	10-5-25-70470	7666.67	50591	02/14/22
		FEB 2022	Brandon Library			
100625	BRANDON INDEPENDENCE DAY	01/27/22 APPROPRIATION	10-5-25-70110	1500.00	50592	02/14/22
		FEB 2022	BIDCC -4th of July Com.			
100280	BRANDON LUMBER & MILLWORK	01/19/22 ice melt, pusher, grease	20-5-55-43160	54.15	50593	02/14/22
		920401/3	Maint. Supplies - General			
100280	BRANDON LUMBER & MILLWORK	01/21/22 spray paint	10-5-15-41160	59.90	50593	02/14/22
		920603/3	HW Maint. Supplies-Vehicl			
100280	BRANDON LUMBER & MILLWORK	01/21/22 paint	10-5-15-41160	44.97	50593	02/14/22
		920604/3	HW Maint. Supplies-Vehicl			
100280	BRANDON LUMBER & MILLWORK	01/21/22 winter gloves	10-5-18-60060	22.99	50593	02/14/22
		920634/3	Ice Skating			
100280	BRANDON LUMBER & MILLWORK	01/21/22 pushbroom	10-5-18-60060	32.99	50593	02/14/22
		920705/3	Ice Skating			
100280	BRANDON LUMBER & MILLWORK	01/22/22 hoses	10-5-18-60060	49.98	50593	02/14/22
		920727/3	Ice Skating			
100280	BRANDON LUMBER & MILLWORK	01/25/22 battery	10-5-22-43080	6.59	50593	02/14/22
		921073/3	Highway Bldg Maint			
100280	BRANDON LUMBER & MILLWORK	01/26/22 angle grinder	10-5-22-43080	69.00	50593	02/14/22
		921167/3	Highway Bldg Maint			
100280	BRANDON LUMBER & MILLWORK	01/31/22 battery charger	20-5-55-43160	194.98	50593	02/14/22
		921658/3	Maint. Supplies - General			
100280	BRANDON LUMBER & MILLWORK	01/31/22 batteries	20-5-55-43160	20.00	50593	02/14/22
		921664/3	Maint. Supplies - General			
100280	BRANDON LUMBER & MILLWORK	02/01/22 flex tape	20-5-55-43160	12.99	50593	02/14/22
		921759/3	Maint. Supplies - General			
100280	BRANDON LUMBER & MILLWORK	02/01/22 fasteners	10-5-15-45120	9.99	50593	02/14/22
		921780/3	Signs & Posts			
100280	BRANDON LUMBER & MILLWORK	02/02/22 screws	10-5-22-43080	30.00	50593	02/14/22
		921862/3	Highway Bldg Maint			

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Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
100280	02/09/22	BRANDON LUMBER & MILLWORK snow pusher 922551/3	10-5-14-30110 Office Supplies	27.99	50593	02/14/22
200218	01/31/22	BRANDON REPORTER DRB hearing 1/31/22	10-5-12-30310 Legal Advertising	35.75	50595	02/14/22
100310	01/27/22	BRANDON SENIOR CITIZENS C APPROPRIATION FEB 2022	10-5-25-70480 Senior Citizen Center	1125.00	50596	02/14/22
310390	01/28/22	BTS, INC reprogrammed phone system 14685	10-5-10-30130 Service Contracts	85.00	50597	02/14/22
100198	01/11/22	CARGILL, INCORPORATED salt 2906800612	10-5-15-47110 Road Salt	1594.44	50598	02/14/22
100198	01/12/22	CARGILL, INCORPORATED salt 2906804862	10-5-15-47110 Road Salt	1643.61	50598	02/14/22
100198	01/13/22	CARGILL, INCORPORATED salt 2906808980	10-5-15-47110 Road Salt	2308.14	50598	02/14/22
100198	01/19/22	CARGILL, INCORPORATED salt 2906826456	10-5-15-47110 Road Salt	1587.20	50598	02/14/22
100198	01/25/22	CARGILL, INCORPORATED salt 2906846161	10-5-15-47110 Road Salt	1533.70	50598	02/14/22
100198	01/28/22	CARGILL, INCORPORATED salt 2906859706	10-5-15-47110 Road Salt	8137.77	50598	02/14/22
100198	01/31/22	CARGILL, INCORPORATED salt 2906866357	10-5-15-47110 Road Salt	1685.55	50598	02/14/22
100198	02/02/22	CARGILL, INCORPORATED salt 2906875115	10-5-15-47110 Road Salt	1599.50	50598	02/14/22
300286	12/17/21	CASELLA CONSTRUCTION INC S6 - Final PR # 67 PR 67	46-5-50-69000 S6 Contam Soil Non-Part	-0.10	50599	02/14/22
300286	12/17/21	CASELLA CONSTRUCTION INC S6 - Final PR # 67 PR 67	46-5-50-67001 Outlets on lights-Non-Par	-4.20	50599	02/14/22
300286	12/17/21	CASELLA CONSTRUCTION INC S6 - Final PR # 67 PR 67	46-5-50-50120 Utilities - Construction	2.66	50599	02/14/22
300286	12/17/21	CASELLA CONSTRUCTION INC S6 - Final PR # 67 PR 67	46-5-50-65100 RT 7 Sewer Line- Construc	1.73	50599	02/14/22
300286	12/17/21	CASELLA CONSTRUCTION INC S6 - Final PR # 67 PR 67	46-5-50-68000 S6 Slab 80/20	213.99	50599	02/14/22
300286	12/17/21	CASELLA CONSTRUCTION INC S6 - Final PR # 67 PR 67	46-5-50-65200 RT 7 Water Line-Construct	-0.22	50599	02/14/22
300286	12/17/21	CASELLA CONSTRUCTION INC S6 - Final PR # 67 PR 67	46-5-50-65000 RT 7 Contractor-Construct	-109.35	50599	02/14/22
310376	02/02/22	CATERPILLAR FINANCIAL SER Grader - pymt # 6 31992134	10-5-15-90400 Leased Equipment	32407.93	50600	02/14/22
301503	01/28/22	CHAMPLAIN VALLEY FUELS heating fuel @ Town Hall 607987	10-5-22-42110 Heating Fuel	405.33	50601	02/14/22
301503	02/01/22	CHAMPLAIN VALLEY FUELS diesel fuel 608066	10-5-15-41130 Fuel - Vehicles HW	523.39	50601	02/14/22
301503	01/13/22	CHAMPLAIN VALLEY FUELS heating fuel @ HWY 617209	10-5-22-42110 Heating Fuel	465.35	50601	02/14/22
301503	01/17/22	CHAMPLAIN VALLEY FUELS heating fuel @ Town Hall 621279	10-5-22-42110 Heating Fuel	388.28	50601	02/14/22
301503	01/18/22	CHAMPLAIN VALLEY FUELS diesel fuel 621960	10-5-15-41130 Fuel - Vehicles HW	1554.88	50601	02/14/22

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301503	01/28/22	CHAMPLAIN VALLEY FUELS heating fuel @ Highway 621992	10-5-22-42110 Heating Fuel	1154.48	50601	02/14/22
301503	01/25/22	CHAMPLAIN VALLEY FUELS diesel fuel 622816	10-5-15-41130 Fuel - Vehicles HW	861.75	50601	02/14/22
300755	02/08/22	CHEMSEARCHFE drain cleaner 7676193	20-5-55-51310 Collection Systems	237.50	50602	02/14/22
310703	01/27/22	CITY HALL SYSTEMS, INC. online credit card system 18175	10-5-18-40070 Youth Wrestling	77.50	50603	02/14/22
301043	01/19/22	CIVES CORPORATION, DBA lights, pins, pivot block 4512338	10-5-15-41160 HW Maint. Supplies-Vehicl	338.96	50604	02/14/22
301043	01/19/22	CIVES CORPORATION, DBA motor spinner 4512340	10-5-15-41160 HW Maint. Supplies-Vehicl	342.00	50604	02/14/22
100973	01/26/22	CLARK-WRIGHT SEPTIC SERVI roofer & camera service 71325	20-5-55-20240 Contractors	470.00	50605	02/14/22
310097	02/02/22	COMCAST service: 02/09 - 03/08 EST 02/02/22	10-5-18-42100 Recreation Telephone	111.34	50606	02/14/22
310097	01/27/22	COMCAST service: 02/04 - 03/03 PD 01/27/22	10-5-14-42100 PD Telephone Service	423.14	50607	02/14/22
310097	01/27/22	COMCAST service: 02/04 - 03/03 TO 01/27/22	10-5-10-42100 Telephone Exp. Admin.	608.32	50608	02/14/22
310097	01/21/22	COMCAST service: 01/28 - 02/27 WW 01/21/22	20-5-55-42100 Wastewater Telephone	199.86	50609	02/14/22
310177	01/27/22	COTT SYSTEMS, INC. FEB HOST FEE 144875	10-5-13-30123 Records Preservation	250.00	50610	02/14/22
100470	01/21/22	CROSBY'S SALES & SERVICE chainsaw supplies 0066814	10-5-15-44130 Tree Removal/Planting	210.48	50611	02/14/22
311078	01/28/22	DELILAH'S HAIR STUDIO LLC RLF Loan proceeds 1/28/22	37-5-10-10110 Grant Administration	10000.00	50580	01/28/22
311080	02/09/22	DISASTER RECOVERY INC water removal/dehumid/dry 2-9-22	10-5-22-43100 Town Office	6152.58	50612	02/14/22
		Flood at Town Office 2/7/22				
100456	01/31/22	DUBOIS & KING INC Arnold Dist Bridge #6 122274	56-5-10-30100 Arnold Dist Culvert	3382.50	50613	02/14/22
300466	01/17/22	DUNDON PLUMBING & HEATING install hot water heater 68580	20-5-55-43160 Maint. Supplies - General	856.96	50614	02/14/22
300466	01/17/22	DUNDON PLUMBING & HEATING install hot water heater 68580	20-5-55-20240 Contractors	437.50	50614	02/14/22
300466	01/18/22	DUNDON PLUMBING & HEATING truck/labor @ Brookdale 68658	20-5-55-20240 Contractors	1113.75	50614	02/14/22
300466	01/27/22	DUNDON PLUMBING & HEATING pumped North St manhole 68802	20-5-55-20240 Contractors	370.00	50614	02/14/22
300466	02/02/22	DUNDON PLUMBING & HEATING reattach heat lines @ TO 68903	10-5-22-43100 Town Office	378.75	50614	02/14/22
100494	01/21/22	ENDYNE INC testing 398195	20-5-55-22120 Testing	100.00	50615	02/14/22
101011	01/27/22	FOLEY DISTRIBUTING, INC paper towels, tissue 435229	10-5-22-43180 Maint. Supplies Bldgs.	361.69	50616	02/14/22
310426	01/27/22	FYLES BROS., INC. repair of boiler system 21073	20-5-55-20240 Contractors	2130.48	50617	02/14/22
310426	01/17/22	FYLES BROS., INC. propane @ WW Gen Bldg 65074	20-5-55-42110 LP Gas - Bldgs	693.12	50617	02/14/22

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310426	FYLES BROS., INC.	01/17/22 propane @ WW Lab Bldg 65075	20-5-55-42110 LP Gas - Bldgs	450.68	50617	02/14/22
310426	FYLES BROS., INC.	01/17/22 propane @ WW Small Garage 65076	20-5-55-42110 LP Gas - Bldgs	152.76	50617	02/14/22
310426	FYLES BROS., INC.	01/17/22 propane @ WW Main Garage 65077	20-5-55-42110 LP Gas - Bldgs	168.42	50617	02/14/22
310426	FYLES BROS., INC.	01/18/22 propane @ Town Office 65097	10-5-22-42100 Heating - Propane	244.57	50617	02/14/22
310426	FYLES BROS., INC.	01/23/22 propane @ Town Hall 66413	10-5-22-42100 Heating - Propane	551.00	50617	02/14/22
310426	FYLES BROS., INC.	01/29/22 propane @ WW lab bldg 71833	20-5-55-42110 LP Gas - Bldgs	451.59	50617	02/14/22
310426	FYLES BROS., INC.	01/29/22 propane @ WW chem bldg 71834	20-5-55-42110 LP Gas - Bldgs	196.08	50617	02/14/22
310426	FYLES BROS., INC.	01/31/22 propane @ Town Hall 71851	10-5-22-42100 Heating - Propane	502.82	50617	02/14/22
310426	FYLES BROS., INC.	01/31/22 propane @ Town Office 71852	10-5-22-42100 Heating - Propane	379.85	50617	02/14/22
310212	GAGE, SUE	01/28/22 n95 masks election FEB 2022	10-5-13-20010 Elections	87.69	50618	02/14/22
100650	GALLS LLC	12/15/21 nameplate 020002876	10-5-14-10320 Clothing Allowance	16.43	50619	02/14/22
100650	GALLS LLC	01/12/22 pepper spray 020189531	10-5-14-30120 Professional Supplies	131.57	50619	02/14/22
310270	GOOD-WAY DOCUMENT SERVICE	01/27/22 MICROFILM STORAGE 1907	10-5-13-30123 Records Preservation	7.50	50620	02/14/22
300974	GRAPH-X INCORPORATED	02/10/22 shirts 4562	10-5-18-30070 Little League Expenses	378.00	50621	02/14/22
300974	GRAPH-X INCORPORATED	02/10/22 shirts 4562	10-5-15-10320 Clothing Allowance	148.00	50621	02/14/22
300974	GRAPH-X INCORPORATED	02/10/22 shirts 4562	10-5-18-40050 Youth Basketball	1488.00	50621	02/14/22
100725	GREEN MOUNTAIN GARAGE	01/21/22 painting supplies 178148	10-5-15-41160 HW Maint. Supplies-Vehicl	119.66	50622	02/14/22
100725	GREEN MOUNTAIN GARAGE	01/26/22 shop supplies 178341	10-5-15-41160 HW Maint. Supplies-Vehicl	50.59	50622	02/14/22
100725	GREEN MOUNTAIN GARAGE	01/27/22 crimp connector, washer 178411	10-5-15-41160 HW Maint. Supplies-Vehicl	35.00	50622	02/14/22
100810	IBF SOLUTIONS, INC	01/26/22 A/P checks 55030	10-5-10-30110 Office Supplies	426.70	50623	02/14/22
200256	L BROWN & SONS PRINTING I	02/03/22 print & mail ballots 97008	10-5-13-20010 Elections	4838.20	50624	02/14/22
310406	LINSTAR	01/19/22 id cards 105531	10-5-14-10320 Clothing Allowance	50.60	50625	02/14/22
310766	MAINECAL	01/24/22 calibrate lab equipment 1012	20-5-55-20121 Professional Services	675.00	50626	02/14/22
310630	MASTERCARD	01/19/22 notary stamp 44686	10-5-14-30110 Office Supplies	38.00	50627	02/14/22
310630	MASTERCARD	01/22/22 label maker 61494	10-5-10-30110 Office Supplies	36.87	50627	02/14/22

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Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
310630	MASTERCARD	01/20/22 pre-stamped envelopes 61495	10-5-10-30132 Postage Expenses	3480.00	50627	02/14/22
310630	MASTERCARD	01/20/22 pre-stamped envelopes 61495	10-5-10-30210 Office Equipment	654.00	50627	02/14/22
310630	MASTERCARD	01/19/22 safety shirt, barrier, tape 61496	10-5-15-41120 Safety Equipment	371.67	50627	02/14/22
310630	MASTERCARD	01/20/22 Town Mtg increase- 61497	10-5-10-30130 Service Contracts	58.06	50627	02/14/22
310630	MASTERCARD	01/08/22 portable BB hoop 61498	10-5-18-40050 Youth Basketball	299.58	50627	02/14/22
310630	MASTERCARD	01/03/22 Lego League 61499	10-5-18-60015 Lego Expenses	75.00	50627	02/14/22
301033	MOMAR INC	02/01/22 degreaser PSI432606	20-5-55-51230 Outside Equip. - Pump St.	372.75	50628	02/14/22
311079	MOTION PICTURE INFORMATIO	01/25/22 copyright research 22031	10-5-18-43140 Town Hall	150.00	50629	02/14/22
301083	MVP SELECT CARE INC	02/02/22 Jan. 2022 - HRA 2022-01	10-5-18-10218 HRA	2.50	50630	02/14/22
301083	MVP SELECT CARE INC	02/02/22 Jan. 2022 - HRA 2022-01	10-5-22-10218 HRA	2.50	50630	02/14/22
301083	MVP SELECT CARE INC	02/02/22 Jan. 2022 - HRA 2022-01	20-5-55-10218 HRA WW	5.00	50630	02/14/22
301083	MVP SELECT CARE INC	02/02/22 Jan. 2022 - HRA 2022-01	10-5-14-10218 HRA PD	5.00	50630	02/14/22
301083	MVP SELECT CARE INC	02/02/22 Jan. 2022 - HRA 2022-01	10-5-10-10218 HRA Admin	5.00	50630	02/14/22
301083	MVP SELECT CARE INC	02/02/22 Jan. 2022 - HRA 2022-01	10-5-13-10218 HRA	5.00	50630	02/14/22
301083	MVP SELECT CARE INC	02/02/22 Jan. 2022 - HRA 2022-01	10-5-15-10218 HRA HW	5.00	50630	02/14/22
310795	NATIONAL BUSINESS TECHNOL	01/24/22 service contract printers IN465666	10-5-10-30130 Service Contracts	43.84	50631	02/14/22
310795	NATIONAL BUSINESS TECHNOL	01/24/22 service contract copiers IN465667	10-5-10-30130 Service Contracts	100.00	50631	02/14/22
310125	OPEN DOOR CLINIC	02/03/22 appropriaton FEB 2022	10-5-25-70360 Open Door Clinic-Middlebu	1000.00	50632	02/14/22
311081	OTTER CREEK WATERSHED INS	02/10/22 appropriation FEB 2022	10-5-17-71800 Mosquito Control	10122.82	50633	02/14/22
301088	PETE'S TIRE BARNS, INC	01/28/22 repaired loose tire 012170	10-5-15-41170 HW Tires - Vehicles	168.45	50634	02/14/22
310736	POCKETTE PEST CONTROL	02/07/22 pest control: storage 17873	10-5-18-20500 Storage Unit Supply/Maint	50.00	50635	02/14/22
310736	POCKETTE PEST CONTROL	02/08/22 pest control: Police Dept 17881	10-5-22-43090 PD Bldg Maint.	65.00	50635	02/14/22
310736	POCKETTE PEST CONTROL	02/08/22 pest control: Town Office 17882	10-5-22-43100 Town Office	70.00	50635	02/14/22
310736	POCKETTE PEST CONTROL	02/08/22 pest control: Town Hall 17883	10-5-22-43150 Town Hall Repair/Maint.	40.00	50635	02/14/22
100828	QUICKPRINT OF RUTLAND	02/07/22 1500 Town Report copies 57667	10-5-10-30511 Town Report	5578.65	50636	02/14/22

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Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
100566	02/03/22	appropriation FEB 2022	10-5-25-70550 Rutland Co Humane Soc	750.00	50637	02/14/22
100492	01/27/22	APPROPRIATION FEB 2022	10-5-25-70210 Rutland Mental Health	1656.00	50638	02/14/22
310418	02/01/22	upgrade computers/monthly 20214750	10-5-10-30134 Technical Support	681.50	50639	02/14/22
310418	02/01/22	upgrade computers/monthly 20214750	25-5-10-01000 Computer upgrades	1303.22	50639	02/14/22
100006	01/27/22	APPROPRIATION FEB 2022	10-5-25-70190 SW VT Council on Aging	600.00	50640	02/14/22
310397	01/14/22	valve, seal INV2482711	10-5-15-41160 HW Maint. Supplies-Vehicl	50.43	50641	02/14/22
310397	01/15/22	tubes INV2483219	10-5-15-41160 HW Maint. Supplies-Vehicl	190.82	50641	02/14/22
310921	01/25/22	consulting fee 1121	10-5-10-30130 Service Contracts	360.00	50642	02/14/22
310099	01/27/22	APPROPRIATION FEB 2022	10-5-25-70430 Stephen A. Douglas Inc.	625.00	50643	02/14/22
301079	01/27/22	town report layout/edits 53923	10-5-10-30511 Town Report	1000.00	50644	02/14/22
311077	01/28/22	payment scanners 143594733	10-5-13-30110 Office Supplies	377.68	50645	02/14/22
100630	02/08/22	annual report mailing FEB 2, 2022	10-5-10-30511 Town Report	1281.21	50581	02/08/22
330348	01/13/22	cell phones 9897313694	10-5-21-10310 Travel & Expenses	20.18	50646	02/14/22
330348	01/13/22	cell phones 9897313694	10-5-15-42100 HW Telephone	40.36	50646	02/14/22
330348	01/13/22	cell phones 9897313694	20-5-55-42100 Wastewater Telephone	40.36	50646	02/14/22
330348	01/13/22	cell phones 9897313694	10-5-18-42100 Recreation Telephone	20.18	50646	02/14/22
330348	01/22/22	service: Dec 23 - Jan 22 9897912283	10-5-14-20233 MDT/Aircards	240.06	50646	02/14/22
300024	01/17/22	set up new Chief 11422T	10-5-14-30130 Service Contracts	146.25	50647	02/14/22
100485	01/27/22	APPROPRIATION FEB 2022	10-5-25-70200 RAVNA	2550.00	50648	02/14/22
310046	01/24/22	hooks 226928638	10-5-10-30110 Office Supplies	14.98	50649	02/14/22
310046	01/27/22	paper, batteries, binders 227069877	10-5-10-30110 Office Supplies	123.53	50649	02/14/22
311070	01/31/22	gasoline - January 2022 78080513	10-5-14-41130 Fuel - Vehicles	1475.81	50650	02/14/22
311070	01/31/22	gasoline - January 2022 78080513	10-5-15-41130 Fuel - Vehicles HW	173.96	50650	02/14/22

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Vendor	Invoice Date	Invoice Description Invoice Number	Account	Amount Paid	Check Number	Check Date
Report Total				198223.61		
				=====		

Selectboard

To the Treasurer of TOWN OF BRANDON, We Hereby certify
that there is due to the several persons whose names are
listed hereon the sum against each name and that there
are good and sufficient vouchers supporting the payments
aggregating \$ ***198,223.61
Let this be your order for the payments of these amounts.

