



ADDENDUM NO. 1
November 17, 2020
224888

RE: TOWN OF ROXBURY, VERMONT
ROXBURY TH-1 PERMANENT SLOPE STABILIZATION ER 0188(11)

FROM: DuBOIS & KING, INC.
6 Green Tree Drive
South Burlington, Vermont 05403
(802) 728-7208

TO: Prospective Bidders

This Addendum forms part of the Contract Documents and modifies the original Bidding Documents issued by the Town of Roxbury, for the Roxbury TH-1 Permanent Slope Stabilization ER 0188(11) project dated October 30, 2020. **Acknowledge receipt of this Addendum in the space provided on Page 1 of the Bid Form. Failure to do so will subject the Bidder to disqualification.**

I. Pre-Bid Meeting

A Pre-Bid meeting was held at the project site on November 6, 2020 at 10:00 a.m. Attendees are listed on the attached Pre-Bid Meeting Attendance Log (**Attachment 1**). Brian Breslend, P.E., of DuBois & King, Inc. described key elements of the project. **The following addresses questions received at the pre-bid meeting as well as other questions from prospective bidders.**

II. Bid Opening

The Roxbury TH-1 Permanent Slope Stabilization ER 0188(11) bid opening is scheduled for **December 11, 2020 at 3:30.00 PM**. The Bids shall be dropped off at the **DuBois & King, Inc. Randolph office, 28 North Main Street, Randolph, VT 05060** in the box placed outside labeled "BIDS", by 3:30.00 PM on December 11, 2020. A representative from DuBois & King, Inc. will pick up the Bids at 3:30.00 PM and open them from a remote location. The Bids will be read aloud via conference call, the dial in conference number is:

+1 414-909-6905
PIN: 465 432 047#

III. Contract Documents (Specifications)

REVISED attached Invitation to Bid is included as **Attachment 2** of this Addendum and replaces the corresponding original Invitation to Bidders in the Bid Documents.

REVISED attached Bid Form is included as **Attachment 3** of this Addendum and replaces the corresponding original Bid Form in the Bid Documents.

IV. Contract Documents (Plans)

REVISED attached **Sheet 3, Sheet 4, Sheet 5, Sheet 6, Sheet 12, and Sheet 13** included as **Attachment 4** of this Addendum and replaces the corresponding original Sheets in the Bid Documents.

V. Questions & Answers

Question 1: Does the access road need to be removed?

Answer 1: The access road needs to be removed and the area restored.

Question 2: Does the property owner want hardwood or softwood trees or both?

Answer 2: All property owners want all trees from their property, 4 inches or greater in diameter.

Question 3: Thermoplastic or paint for line striping?

Answer 3: Paint will be acceptable. See updated Bid Form and plans.

Question 4: Are the pavement LU Items required for this project?

Answer 4: These items are required per Level 3 testing requirement thresholds.

Question 5: Is the guardrail 6' or 8' posts?

Answer 5: The guardrail has the appropriate amount of backing material. 6' posts shall be used.

Question 6: Is the Contractor allowed to dump the excavation versus placing the excavation?

Answer 6: The Contractor is to place the fill material on the Fontaine property.

Question 7: How far does the Contractor need to chase the steel pipe at the bottom of the slope?

Answer 7: The Contractor shall remove all steel pipe within bucket reach of the concrete structure.

Question 8: Does traffic need to be maintained to 2-way traffic at the end of the day?

Answer 8: One lane alternating traffic with temporary signals and proper signage would be acceptable.

Question 9: Will all stumps have to be removed for the box cut?

Answer 9: Any wood material not wanted by the Property Owners shall be chipped on site, including stumps. This work shall be paid under item 201.10.

Question 10: Does the Town have a staging area for the stumps? Would the homeowners want the stumps?

Answer 10: The Town does not have a place for the stumps. All stumps will be legally disposed of. The homeowners do not want the stumps.

Question 11: What is the contact information for the homeowners who the Contractor can contact for the firewood and excavation?

Answer 11:

Daniel and Laura Sudoff
223 Webster Rd
Roxbury, VT 05669
802-485-8018

Josh and Missy Axelrod
324 Webster Rd
Roxbury, VT 05669
802-505-0231

Dana and Barbara Fontaine
296 Wareham St
Middleboro, Massachusetts
508-962-6337
Dkf2@comcast.net

Question 12: What is the contract information for the Road Foreman?

Answer 12: David McShane, Road Commissioner - mcshanewlf@tds.net

Loren Bent, Road Foreman – 802-485-3287

Question 13: Does the Town want cold plane grindings, guardrail posts and panels?

Answer 13: All grindings, guardrail posts and panels shall be delivered to the Town Garage. This work shall be paid under items 210.10 and 621.80.

Question 14: Can the completion date be extended for the slope stabilization portion of the project?

Answer 14: Yes. The new completion date for the slope stabilization portion is **February 26, 2021.**

VI. Additional Information/Clarifications

1. General

- a. Introductions & Sign-in Sheet
- b. Plans and Specifications available at:
 - i. www.dubois-king.com/projects-bidding-active
 1. (purchasing only)
 - ii. DuBois & King, Inc., 28 North Main Street, P.O. Box 339, Randolph, VT 05060 (purchase or viewing)
 1. Call before stopping by office so staff can print documents
 - iii. Dubois & King, Inc., 6 Green Tree Drive, South Burlington, VT 05403 (purchasing or viewing)
 1. Call before stopping by office so staff can print documents
 - iv. Town of Roxbury offices (viewing only)

2. Project Summary

- a. Overall Scope of Work
 - i. Approx. 180 LF of stacked stone toe wall
 - ii. Approx. 3900 CY of Unclassified Channel Excavation
 - iii. Approx. 530 CY of Stone Fill, Type IV
 - iv. Approx. 750 CY of Stone Fill, Type III
 - v. Approx. 1600 CY of Stone Fill, Type II
 - vi. Roadway coarse-milling and paving

3. Forms to be submitted with bids
 - a. Completed and signed Bid Form
 - b. Completed Schedule of Prices with no zero (0) unit prices
 - i. Must fill out unit prices in numerical and letter format
 - c. Bid Bond or certified check for 5% of Bid Amount
 - d. Signed Debarment and Non-Collusion Affidavit (CA91)
 - e. Signed EEO Certification (CA109)
 - f. Workers Compliance Self Reporting Form
 - g. Acknowledged the receipt of all Addenda
4. Contract Requirements
 - a. Davis Bacon Wage Rates
 - b. Buy America Provisions
 - c. VTrans' DBE Policy
5. Design items
 - a. Contract shall try to locate underground water intake structure and steel piping. They shall be removed under the contract pay items.
 - b. Stone Toe Wall Dowel detail – Detail is for guidance only. Engineer shall determine spacing and no. of dowels for each stone per contractor's materials.
 - c. Some/all (TBD) Unclassified Channel Excavation and Common Excavation shall be delivered to Mr. Fontaine.
 - d. All trees removed on site shall become the property of the property owner with which the tree was removed from.
6. Other items
 - a. Waste, borrow, and Staging Areas must be reviewed and approved
 - b. Contractor responsible for layout
 - i. CAD files available upon request
 - c. Certified Payrolls are a requirement for this project
 - d. 2018 VTrans Standard Specifications for Construction shall apply to this project
 - e. How to Get Prequalified
 - i. Contractors List of Roads and Highway Construction Category
 - ii. Jon Winter
Jon.winter@vermont.gov
802-622-1267
 - f. Notice to Bidders
 - i. Emerald Ash Borers
 - ii. Contaminated Sharps (Hypodermic Needles)
 - iii. Gender-Free Single Occupancy restrooms

7. Schedule

- a. To Be Determined – Addendum 2 with Approved Offsite Activity Form
- b. Friday, December 11, 2020 3:30.00 PM – Bids due to DuBois & King Randolph Office (28 North Main Street, Randolph, VT 05060)
- c. To Be Determined – Recommendation of Award to Selectboard
- d. To Be Determined – Notice to Proceed, Begin Construction and Pre-Construction conference
- e. February 26th, 2021 – Substantial completion
- f. July 2nd, 2021 – End Construction

This document constitutes Addendum 1 for this project.

ATTACHMENT 1

Roxbury ER 0188(11) – Pre-bid meeting sign in sheet

Friday November 5, 2020

Sign in Sheet

Name	Representing	E-mail
SCOTT SWEET	DANIELS CONST.	SSWEET@NEILDANIELS.COM
Rick Rhinard	Willey Earth Movers	rick.willeyearth@gmail.com
GEORGE R. SHORTSLEEVES	ECI	GSHORTSLEEVES@ECIVT.COM
Patrick Travers	GPI	ptraverse@pinet.com
Michele Saborio	G+N Excavation	gnexcavation@gmail.com
Jack Lafontaine	SD Ireland	jack@sdireland.com
GREG MARKOWSKI	MARKOWSKI EXCAVATING	gmarkowski@comcast.net
MARK PELLOQUIN	J. HUTCHINS, INC.	mark@jhutchinsinc.com
Cody Marsh	GW Tatro Const. Inc	Cmarsh@gwtatro.com
Quett Farrow	Farrow Enterprises	R.Farrow@myfairpoint.net
Kolbey Haupt	Hilltop Construction	Hilltopconstruction73@gmail.com

ATTACHMENT 2

Roxbury TH-1 Permanent Slope Stabilization, ER 0188(11)

October 30, 2020

Invitation to Bid

Updated Via Addendum 1 - November 17, 2020

INVITATION TO BID

Roxbury TH-1 Permanent Slope Stabilization, ER 0188(11)

Updated Via Addendum 1 - November 17, 2020

The Roxbury TH-1 Permanent Slope Stabilization ER 0188(11) bid opening is scheduled for **December 11, 2020 at 3:30.00 PM**. The Bids shall be dropped off at the **DuBois & King, Inc. Randolph Office, 28 North Main Street, Randolph, VT 05060** in the box placed outside labeled "BIDS", by 3:30.00 PM on December 11, 2020. A representative from DuBois & King, Inc. will pick up the Bids at 3:30.00 PM and open them from a remote location. The Bids will be read aloud via conference call, the dial in conference number is:

+1 414-909-6905

PIN: 465 432 047#

Sealed BIDS shall be marked in the lower left hand corner: Bid Documents: Roxbury TH-1 Permanent Slope Stabilization and ER 0188(11).

Each BID must be accompanied by a certified check payable to the Town of Roxbury for five percent (5%) of the total amount of the BID. A BID bond may be used in lieu of a certified check.

PREQUALIFICATION OF CONTRACTORS: All bidders on this project shall be on the Agency of Transportation's prequalified list under the category listed below or shall have submitted a complete prequalification application to the Agency of Transportation, Contract Administration, a minimum of 10 working days prior to the bid opening. For information contact Jon Winter at (802) 622-1267.

All bidders shall be on the current VTRANS Contract Administration pre-qualified list "Contractors List of Roads and Highway Construction Category".

Bids submitted by bidders that exceed their Maximum Dollar Capacity Rating (MDCR) as determined by the Vermont Agency of Transportation on an annual basis will be considered non-responsive.

LOCATION: Beginning at a point on Warren Mountain Road (TH-1), approximately 500 feet west of the intersection with Webster Road.

TYPE OF CONSTRUCTION: Work to be performed under this project includes: slope stabilization, construction of an access road, coarse-milling, aggregate shoulders, removal and disposal of guardrail, installation of AASHTO guardrail, pavement markings, clearing and grubbing, removal and replacement of property markers, and erosion prevention and sediment control measures.

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Invitation to Bid

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CONTRACT COMPLETION DATE: The slope stabilization and appurtenant work shall be completed on or before **February 26, 2021**. Paving and placing guardrail shall be completed on or before July 2, 2021.

OBTAINING PLANS: The Issuing Office for the Bidding Documents is: DuBois & King, Inc., 28 North Main Street, P.O. Box 339, Randolph, VT 05060, Contact: Dawn Conant at 802-728-3376, dconant@dubois-king.com. Bidding Documents may be obtained via one of the following methods:

1. Via Download Electronic Copy: Download Bid Documents as a pdf at www.dubois-king.com/projects-bidding-active for **\$75.00**. Plans are non-refundable and non-returnable.

Note: When purchasing download bid documents, the purchaser will receive an e-mail notification with a link to the downloadable plans and specifications. Depending on individual computer settings, the e-mail may go to the spam folder. Please check the spam folder and allow e-mails from dubois-king.com

2. If Hard Copies are wanted: Please contact the Issuing Office Contact identified above to discuss the details of this method for a cost of **\$75.00** plus applicable mailing and shipping, if needed. Plans are non-refundable and non-returnable.

The date that the Bidding Documents are transmitted by the Issuing Office will be considered the prospective Bidder's date of receipt of the Bidding Documents. Partial sets of Bidding Documents will not be available from the Issuing Office. Only Bid Documents obtained from DuBois & King, Inc. (Website or Issuing Office) shall be used for submitting a Bid. Neither Owner nor Engineer will be responsible for full or partial sets of Bidding Documents, including Addenda if any, obtained from sources other than the Issuing Office.

IMPORTANT

Any change to the Bidding Documents during the bid period will be made via addenda and posted at www.dubois-king.com/projects-bidding-active. The prospective Bidder is responsible for checking the web site as required to obtain any/all addenda that may be issued. The Issuing Office is not responsible for notifying prospective Bidders when addenda are posted. It is the responsibility of the Bidder to verify that all addenda have been received and noted on the Bid Form.

ENGINEERS ESTIMATE: For this Proposal the Engineers Estimate falls between \$500,000 and \$1,000,000.

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PLANS, SPECIFICATIONS AND PROPOSAL MAY BE SEEN AT THE OFFICE OF:

1. Roxbury Town Clerk, 1664 Roxbury Rd, Roxbury, VT 05669.
2. DuBois & King, Inc., 28 North Main Street, Randolph, Vermont, 05060.
3. DuBois & King, Inc., 6 Green Tree Drive, South Burlington, Vermont, 05403.

PREBID CONFERENCE: A non-mandatory pre-bid conference will be held for the project on Friday, November 6, 2020 at 10:00 AM at the beginning of the project location.

STANDARD SPECIFICATIONS: This contract is governed by the Vermont Agency of Transportation ("VTrans") 2018 Standard Specifications for Construction.

QUESTIONS: During the advertisement phase of this project all questions shall be addressed solely to Brian Breslend, P.E., bbreslend@dubois-king.com, 802-878-7661 x7208 until November 10, 2020 at 4:30 PM.

EQUAL EMPLOYMENT OPPORTUNITY (EEO) CERTIFICATION: Certification is required by the Equal Employment Opportunity regulations of the Secretary of labor (41 CFR 60-1.7(b) (1)) and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Generally only contracts and subcontracts of \$10,000 or under are exempt as set forth in 41 CFR 60-1.5. See Appendix A for Contractors EEO Certification Form (CA-109). **This certification form must be submitted with the bid.**

NON-COLLUSION AFFIDAVIT: All bidders are required to execute a sworn statement, certifying that the bidder has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract. See Appendix B for Debarment and Non-Collusion Affidavit (CA-91). **This affidavit must be submitted with the bid.**

DEBARMENT AFFIDAVIT: All bidders are required to execute a sworn statement, certifying that the bidder has not within the last three (3) years been, suspended, debarred, voluntarily excluded or determined ineligible by any Federal or State Agency; does not have a proposed suspension, debarment, voluntary exclusion or ineligibility determination pending; and has not been indicted, convicted or had civil judgment rendered against (it, him, her, them) by a court having jurisdiction in any matter involving fraud or official misconduct within the past three (3) years. See Appendix B for Debarment and Non-Collusion Affidavit (CA-91). **This affidavit must be submitted with the bid.**

Roxbury TH-1 Permanent Slope Stabilization, ER 0188(11)

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WORKER CLASSIFICATION COMPLIANCE REQUIREMENT FORM (*Prime Contractor*): All bidders are required to complete this self-reporting form in its entirety and **submit with the bid.**

NON-DISCRIMINATION IN FEDERALLY ASSISTED CONTRACTS: The Town of Roxbury hereby notifies all bidders that it will ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the basis of race, color, religion, sex or national origin for an award. This is consistent with the Town's requirement to comply with provisions of Title VI.

DAVIS BACON WAGE REQUIREMENTS: Bidders agree to abide by the Davis Bacon Wage Rate Schedule, which are appended to these Contract Documents.

BUY AMERICA REQUIREMENTS: Buy America requirements of 23 CFR 635.410 are applicable to all Federal-aid construction projects. All steel or iron products permanently incorporated into Federal-aid projects, shall be products that have been entirely manufactured within the United States. All manufacturing processes of the steel or iron material, in a product, must occur within the United States to be considered of domestic origin. This includes process such as rolling, extruding, machining, bending, grinding, and drilling. The action of applying a coating to a material is deemed a manufacturing process subject to Buy America. Coating includes epoxy coating, galvanizing, painting, and any other coating that protects or enhances the value of the material.

ATTACHMENT 3

Roxbury TH-1 Permanent Slope Stabilization, ER 0188(11)
October 30, 2020
Bid Form
Updated Via Addendum 1 – November 17, 2020

BID FORM
Roxbury TH-1 Permanent Slope Stabilization, ER 0188(11)
Updated Via Addendum 1 – November 17, 2020

Proposal of _____
(hereinafter called Bidder), organized and existing under the laws of the State of _____ doing business as _____
_____ (a corporation, a partnership, of an individual)

To the Town of Roxbury, Vermont (hereinafter called Owner)

The Bidder represents that this bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation. The bidder has not directly or indirectly induced or solicited any other bidder to submit a false bid. Bidder has not solicited or induced any person, firm or corporation to refrain from bidding and the bidder has not sought by collusion to obtain for himself any advantage over any other bidder or Owner.

It is essential that all forms that require signature as part of the final Bid Submission be filled out and signed or the Bid itself will be invalid:

- Contractors EEO Certification Form CA-109 – Appendix A
- Debarment & Non-Collusion Affidavit CA-91 – Appendix B
- Worker Classification Compliance Requirement (Prime Contractor) – Appendix C

The undersigned bidder proposed and agrees, if this bid is accepted, to enter into an agreement with Owner to furnish all materials and to complete all work as specified or indicated in the Contract Documents for the contract price and within the contract time indicated in this bid and in accordance with the Contract Documents.

The undersigned bidder, by submission of this bid, certifies that the total base bid does not exceed their total Maximum Dollar Capacity Rating (MDCR) as determined by the Vermont Agency of Transportation on an annual basis.

Bidder hereby agrees to commence Work under this contract on the date of issuance of the Notice to Proceed and that the Final Completion date for this contract is July 2, 2021.

Roxbury TH-1 Permanent Slope Stabilization, ER 0188(11)

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Bidder acknowledges receipt of the following Addenda:

Bidder agrees to perform all the Work described in the Contract Documents for the following schedule of prices. Unqualified bids will not be accepted.

VTrans ITEM #	ITEM	UNIT	QUANTITY	UNIT PRICE	TOTAL PRICE
201.10	Clearing and Grubbing, Including Individual Trees and Stumps	LS	1	\$ _____	\$ _____
	Unit Price in Words _____				
203.15	Common Excavation	CY	50	\$ _____	\$ _____
	Unit Price in Words _____				
203.16	Solid Rock Excavation	CY	10	\$ _____	\$ _____
	Unit Price in Words _____				
203.27	Unclassified Channel Excavation	CY	3,500	\$ _____	\$ _____
	Unit Price in Words _____				
203.35	Gravel Filter for Slope Stabilization	CY	500	\$ _____	\$ _____
	Unit Price in Words _____				
204.22	Trench Excavation of Earth (N.A.B.I.)	CY	1	<u>\$75.00</u>	<u>\$75.00</u>
	Unit Price in Words <u>seventy five dollars and zero cents</u>				

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208.40 Cofferdam LS 1 \$ _____ \$ _____

Unit Price in Words _____

210.10 Coarse-Milling, Bituminous Pavement
SY 1,200 \$ _____ \$ _____

Unit Price in Words _____

402.13 Aggregate Shoulders, Rap
TON 60 \$ _____ \$ _____

Unit Price in Words _____

404.65 Emulsified Asphalt CWT 8 \$ _____ \$ _____

Unit Price in Words _____

406.38 Hand-Placed Bituminous Concrete Material, Drives
SY 40 \$ _____ \$ _____

Unit Price in Words _____

406.45 Bituminous Concrete Pavement Surface Preparation
TON 20 \$ _____ \$ _____

Unit Price in Words _____

406.50 Price Adjustment, Asphalt Cement (N.A.B.I.)
LU 1 \$1.00 \$1.00

Unit Price in Words one dollar and zero cents

507.11 Reinforcing Steel, Level I
LB 920 \$ _____ \$ _____

Unit Price in Words _____

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Bid Form

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507.16	Drilling and Grouting Dowels	LF	270	\$ _____	\$ _____
	Unit Price in Words	_____			
541.25	Concrete, Class B	CY	10	\$ _____	\$ _____
	Unit Price in Words	_____			
608.26	All Purpose Excavator Rental, Type II	HR	20	\$ _____	\$ _____
	Unit Price in Words	_____			
608.30	Power Broom Rental, Type I	HR	10	\$ _____	\$ _____
	Unit Price in Words	_____			
608.37	Truck Rental	HR	10	\$ _____	\$ _____
	Unit Price in Words	_____			
613.10	Stone Fill, Type I	CY	40	\$ _____	\$ _____
	Unit Price in Words	_____			
613.11	Stone Fill, Type II	CY	1,610	\$ _____	\$ _____
	Unit Price in Words	_____			
613.12	Stone Fill, Type III	CY	780	\$ _____	\$ _____
	Unit Price in Words	_____			
613.13	Stone Fill, Type IV	CY	400	\$ _____	\$ _____
	Unit Price in Words	_____			

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619.20 Removing and Resetting Property Markers
EA 1 \$ _____ \$ _____

Unit Price in Words _____

621.20 Steel Beam Guardrail, Galvanized
LF 275 \$ _____ \$ _____

Unit Price in Words _____

621.80 Removal and Disposal of Guardrail
LF 275 \$ _____ \$ _____

Unit Price in Words _____

621.90 Temporary Traffic Barrier
LF 450 \$ _____ \$ _____

Unit Price in Words _____

621.95 Remove and Reset Temporary Traffic Barrier
LF 450 \$ _____ \$ _____

Unit Price in Words _____

630.15 Flaggers
HR 700 \$ _____ \$ _____

Unit Price in Words _____

633.10 CPM Schedule
EA 3 \$ _____ \$ _____

Unit Price in Words _____

635.11 Mobilization/Demobilization
LS 1 \$ _____ \$ _____

Unit Price in Words _____

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641.11 Traffic Control, All-Inclusive
LS 1 \$ _____ \$ _____

Unit Price in Words _____

646.2111 4 Inch Yellow Line, Waterborne Paint
LF 850 \$ _____ \$ _____

Unit Price in Words _____

646.76 Line Striping Targets
EA 90 \$ _____ \$ _____

Unit Price in Words _____

651.15 Seed
LB 100 \$ _____ \$ _____

Unit Price in Words _____

651.17 Seed, Winter Rye
LB 100 \$ _____ \$ _____

Unit Price in Words _____

651.18 Fertilizer
LB 200 \$ _____ \$ _____

Unit Price in Words _____

651.20 Agricultural Limestone TON 1 \$ _____ \$ _____

Unit Price in Words _____

651.40 Grubbing Material (12") SY 1,700 \$ _____ \$ _____

Unit Price in Words _____

653.01 EPSC Plan
LS 1 \$ _____ \$ _____

Unit Price in Words _____

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653.02 Monitoring EPSC Plan HR 50 \$ _____ \$ _____

Unit Price in Words _____

653.03 Maintenance of EPSC Plan (N.A.B.I.)

LU 1 \$2,000.00 \$2,000.00

Unit Price in Words two thousand dollars and zero cents

653.10 Hay Mulch TON 1 \$ _____ \$ _____

Unit Price in Words _____

653.20 Rolled Erosion Control Product, Type I

SY 3,500 \$ _____ \$ _____

Unit Price in Words _____

653.35 Stabilized Construction Entrance

CY 40 \$ _____ \$ _____

Unit Price in Words _____

653.475 Silt Fence, Type I LF 220 \$ _____ \$ _____

Unit Price in Words _____

653.50 Barrier Fence LF 450 \$ _____ \$ _____

Unit Price in Words _____

900.640 Special Provision (Riprap, Heavy Type)

LF 180 \$ _____ \$ _____

Unit Price in Words _____

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900.645 Special Provision (Access Road)

LS 1 \$ _____ \$ _____

Unit Price in Words _____

900.650 Special Provision (Mat Density Pay Adjustment, Small Quantity)

(N.A.B.I.)

LU 1 \$1.00 \$1.00

Unit Price in Words one dollar and zero cents

900.650 Special Provision (Mixture Pay Adjustment) (N.A.B.I.)

LU 1 \$1.00 \$1.00

Unit Price in Words one dollar and zero cents

900.680 Special Provision (Bituminous Concrete Pavement, Small Quantity)

TON 100 \$ _____ \$ _____

Unit Price in Words _____

Total Base Bid \$ _____

Total Base Bid Written _____

The lowest responsive and responsible bidder will be determined by the **Total Base Bid.**

The above unit prices shall include all labor, materials, removal, overhead, profit, insurance, etc. to cover the finished work as specified within the Contract Documents.

By submitting this bid, a bidder certifies that it shall report in writing to the municipality any errors or inconsistency discovered in the plans, proposal, specifications, or proposal documents immediately upon discovery.

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By submitting this bid, bidder certifies to have on the Project at all times a competent and reliable English-speaking Superintendent authorized to receive orders and to act for the Contractor. The Contractor shall make every effort to provide continuity in the position of Superintendent. However, the Agency reserves the right to refuse or terminate the assignment of any Superintendent on the Project; this shall not be grounds for a Claim under Subsection 105.20.

Competent Contractor Superintendent Proposed for Project (per VTrans 2018 Specifications Section 105.06(b) and as described above).

Name: _____

THE ABOVE PROPOSAL IS HEREBY RESPECTFULLY SUBMITTED BY:

Contractor

By

Title

Business Address

City

State

Date

ATTEST _____

LS = lump sum

EA = each

SY = square yard

SF = square feet

CWT = hundredweight

LU = lump unit

CY = cubic yard

LF = linear foot

TON = ton

MGAL = thousand gallons

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GAL = gallon

LB = pound

HR = hour

ATTACHMENT 4

- h. ALL OTHER SURFACES SHALL BE BROUGHT TO FINAL GRADE, WITH A MINIMUM OF 4" OF TOPSOIL APPLIED. APPLY GRUBBING MATERIAL TO RIP-RAP SURFACES WHERE SHOWN.
 - i. SEED AND MULCH DISTURBED SURFACES TO ESTABLISH HEALTHY GRASS. APPLY EROSION CONTROL MATTING WHERE SHOWN. IMPLEMENT ANY OTHER REQUIRED SITE STABILIZATION MEASURES.
 - j. REMOVE EXCESS OR UNUSED MATERIALS, REFUSE, EQUIPMENT, TEMPORARY EROSION CONTROLS, TRAFFIC CONTROL MEASURES AND CONTROL-OF-WATER MEASURES. RESTORE ANY DAMAGED SITE FEATURES TO ORIGINAL CONDITION OR BETTER.
- N. STONE FILL NOTES
- 55. RIPRAP AND STONE FILL MUST BE PLACED IN A MANNER THAT WILL NOT SEPARATE SMALL AND LARGE STONES. PLACEMENT BY DUMP TRUCK OR DOZER WILL NOT BE ALLOWED. REGULAR MIXING OF THE RIPRAP AND STONE FILL STOCKPILE DURING INSTALLATION MAY BE NECESSARY TO PREVENT SEPARATION OF THE SMALL AND LARGE STONES.
 - 56. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE RIPRAP AND STONE FILL AS A WELL COMPACTED MASS, WITH THE STONES INTERLOCKED WITH EACH OTHER AND WITH MINIMAL VOIDS.
 - 57. TO ACHIEVE A WELL-COMPACTED MASS, THE CONTRACTOR MAY BE REQUIRED TO FOLLOW THE INITIAL PLACEMENT OF RIPRAP OR STONE FILL WITH ADDITIONAL PASSES OF SMALLER MATERIAL. SELECTIVE HAND PLACEMENT OF STONE FOLLOWED BY COMPACTION MAY ALSO BE REQUIRED. PAYMENT WILL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE STONE FILL CONTRACT ITEM.
 - 58. THE CONTRACTOR SHALL PROVIDE THE ENGINEER WITH MINIMUM 48-HOUR PRIOR NOTICE, AN IN-PLACE RIPRAP, STONE FILL TEST SECTION. THE TEST SECTION SHALL BE BETWEEN 10 AND 20 HORIZONTAL FEET, FULL HEIGHT, AND BE INSTALLED TO THE DEPTH AND ELEVATIONS INDICATED IN THE CONTRACT DOCUMENTS. INSTALLATION OF ADDITIONAL RIPRAP OR STONE FILL IS NOT TO CONTINUE UNTIL THE ENGINEER HAS COMPLETED THE INSPECTION.
 - 59. GRUBBING MATERIAL SHALL BE WORKED INTO THE STONE FILL MASS AND INTO ANY SMALL REMAINING SURFACE VOIDS AND CREVASSES. ON-SITE EXCAVATED GRUBBING MATERIAL MAY BE USED IF, IN THE OPINION OF THE ENGINEER, ADEQUATE PERCENTAGES OF FINES AND ORGANICS IS PRESENT IN THE MATERIAL TO SUPPORT A GRASS COVER.
 - 60. ALL WOODY DEBRIS (TREE LIMBS BRANCHES, ETC.) SHALL BE CHIPPED AND MULCHED ON-SITE AND USED FOR TEMPORARY EROSION CONTROL. ALL CUT TREE LOGS SHALL BECOME PROPERTY OF 1) LANDOWNER IF THE LANDOWNER ELECTS TO TAKE THE LOGS; OR 2) THE CONTRACTOR IF THE LANDOWNER ELECTS NOT TO TAKE THE LOGS. ALL REMOVED STUMPS WILL BE GROUND DOWN ON SITE AND THE CHIPS USED AS EROSION CONTROL. PAYMENT FOR THE CUTTING AND DISPOSAL OF THE TREE LOGS, CHIPPING AND SPREADING OF WOODY DEBRIS AND GRINDING OF STUMPS WILL BE PAID FOR UNDER ITEM 201.10 "CLEARING AND GRUBBING, INCLUDING INDIVIDUAL STUMPS". NO LOGS REMOVED SHALL EXCEED 8- FEET IN LENGTH. WOODY DEBRIS MAY BE USED TO FILL HOLES LEFT BY THE REMOVAL OF TREES.
 - 61. IN THE CASE OF UNEVEN LEDGE, THE CONTRACTOR SHALL POUR CONCRETE TO LEVEL THE SURFACE AS DIRECTED BY THE ENGINEER. THIS SHALL BE PAID FOR UNDER ITEM 541.25, "CONCRETE, CLASS B".

- O. SCHEDULE
- 62. THE SLOPE STABILIZATION AND APPURTENANT WORK SHALL BE COMPLETED ON OR BEFORE FERUARY 26, 2021. PAVING AND PLACING GUARDRAIL SHALL BE COMPLETED ON OR BEFORE JULY 2, 2021.
- P. FILL MATERIAL AND TREE CLEARING
- 63. EXISTING TREES GREATER THAN 4 INCHES IN DIAMETER THAT ARE TO BE REMOVED WITHIN THE LIMITS OF CONSTRUCTION ON ALL THREE PARCELS SHALL BE SAVED AND DELIVERED TO EACH INDIVIDUAL PROPERTY OWNER. TREE SHALL BE SEPARATED BY WHICH PROPERTY THEY WERE REMOVED FROM. LOGS SHALL BE CUT INTO LOG LENGTHS AND FIREWOOD SHALL BE CUT INTO 8 TO 10 FOOT LENGTHS. THE CONTRACTOR SHALL COORDINATE WITH THE LAND OWNERS TO DETERMINE THE EXACT LOCATION TO STOCKPILE THE LOGS AND FIREWOOD. THIS WORK SHALL BE INCIDENTAL TO ITEM 201.10 "CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS".
 - 64. ANY UNCLASSIFIED CHANNEL EXCAVATION AND COMMON EXCAVATION NOT USED FOR EARTHWORK SHALL BE DELIVERED TO DANA K. & BARBARA A. FONTAINE. EXACT LOCATION, QUANTITY OF MATERIAL, AND PLACEMENT SHALL BE DETERMINED BY THE PROPERTY OWNER. ANY MATERIAL NOT WANTED BY THE PROPERTY OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.15 "COMMON EXCAVATION" OR ITEM 203.27 "UNCLASSIFIED CHANNEL EXCAVATION".

VAOT STANDARD	DATE
G-1 STEEL BEAM GUARDRAIL WITH STEEL POSTS	03/10/2017
STEEL BEAM GUARDRAIL WITH WOOD POSTS	
T-1 TEMPORARY TRAFFIC CONTROL GENERAL NOTES	04/25/2016
T-10 CONVENTIONAL ROADS CONSTRUCTION APPROACH SIGNING	08/06/2012
T-17 TRAFFIC CONTROL MISCELLANEOUS DETAILS	08/06/2012
T-24 TRAFFIC CONTROL FOR MAINTENANCE PAVEMENT MARKING OPERATION	08/06/2012
T-28 CONSTRUCTION SIGN DETAILS	08/06/2012
T-29 CONSTRUCTION SIGN DETAILS	08/06/2012
T-30 CONSTRUCTION SIGN DETAILS	08/06/2012
T-31 CONSTRUCTION SIGN DETAILS	08/06/2012
T-35 CONSTRUCTION ZONE LONGITUDINAL DROP-OFFS	08/06/2012
T-36 CONSTRUCTION ZONE LONGITUDINAL DROP-OFFS FOR PAVING	08/06/2012

EXISTING	LEGEND	PROPOSED
--- -1055 - ---	CONTOUR - MAJOR	=====
-----1054-----	CONTOUR - MINOR	=====
-----D-----	CULVERT	-----D-----
-----	EDGE OF GRAVEL ROAD	-----
-----	EDGE OF RIVER\ORDINARY HIGH WATER	-----
-----	APPROXIMATE PROPERTY LINE	-----
-----	APPROXIMATE RIGHT-OF-WAY (R.O.W.)	-----
-----	WETLAND BOUNDARY	-----
-----	WETLAND BUFFER	-----
-----	TREELINE/CLEARING LIMITS	-----
● SH-#	BORING LOCATION (BY SANBORN, HEAD & ASSOCIATES, INC.)	
△	SURVEY CONTROL POINT	
=====	LEDGE	
●	TEMPORARY BENCH MARK (TBM)	
●	TREE - HARDWOOD	
●	TREE - SOFTWOOD	
-----	BARRIER FENCE	----- BF -----
-----	SILT FENCE	----- SF ----- SF -----
-----	TEMPORARY EROSION MATTING	-----
-----	STONE FILL	-----
-----	CUT/FILL	-----
-----	GUARDRAIL	-----



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NO.	DATE	DESCRIPTION
1.	11/17/2020	ADDENDUM 1

TOWN OF ROXBURY, VT
1664 ROXBURY RD.
ROXBURY, VT
05669

TH-1 PERMANENT SLOPE STABILIZATION

SHEET TITLE
GENERAL NOTES AND LEGEND SHEET 2

DRAWN BY EGD	DATE OCT. 2020
CHECKED BY JBA	D&K PROJECT # 224888
PROJ. ENG. BMB	

SHEET NUMBER
3
SHEET 3 OF 29



NO.	DATE	DESCRIPTION
1.	11/17/2020	ADDENDUM 1

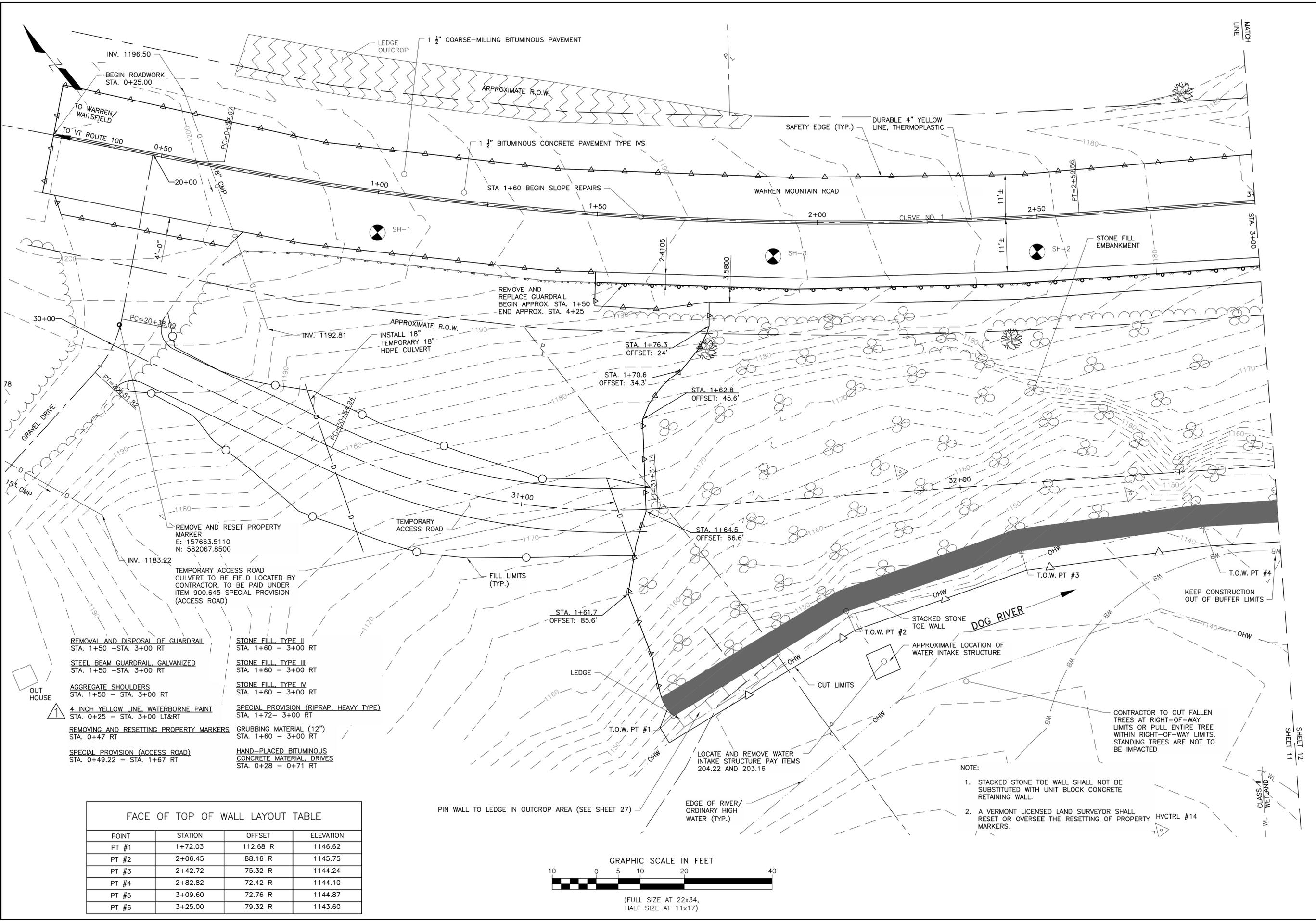
TOWN OF ROXBURY, VT
1664 ROXBURY RD.
ROXBURY, VT
05669

TH-1 PERMANENT SLOPE STABILIZATION

SHEET TITLE
PROPOSED SITE SHEET 1

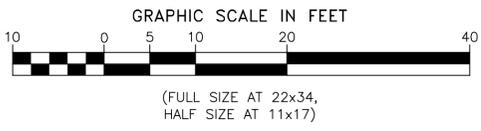
DRAWN BY EGD	DATE OCT. 2020
CHECKED BY JBA	DBK PROJECT # 224888
PROJ. ENG. BMB	

SHEET NUMBER
12
SHEET 12 OF 29



- REMOVAL AND DISPOSAL OF GUARDRAIL STA. 1+50 - STA. 3+00 RT
- STEEL BEAM GUARDRAIL, GALVANIZED STA. 1+50 - STA. 3+00 RT
- AGGREGATE SHOULDERS STA. 1+50 - STA. 3+00 RT
- 4 INCH YELLOW LINE, WATERBORNE PAINT STA. 0+25 - STA. 3+00 LT&RT
- REMOVING AND RESETTING PROPERTY MARKERS STA. 0+47 RT
- SPECIAL PROVISION (ACCESS ROAD) STA. 0+49.22 - STA. 1+67 RT
- STONE FILL, TYPE II STA. 1+60 - 3+00 RT
- STONE FILL, TYPE III STA. 1+60 - 3+00 RT
- STONE FILL, TYPE IV STA. 1+60 - 3+00 RT
- SPECIAL PROVISION (RIPRAP, HEAVY TYPE) STA. 1+72 - 3+00 RT
- GRUBBING MATERIAL (12") STA. 1+60 - 3+00 RT
- HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES STA. 0+28 - 0+71 RT

FACE OF TOP OF WALL LAYOUT TABLE			
POINT	STATION	OFFSET	ELEVATION
PT #1	1+72.03	112.68 R	1146.62
PT #2	2+06.45	88.16 R	1145.75
PT #3	2+42.72	75.32 R	1144.24
PT #4	2+82.82	72.42 R	1144.10
PT #5	3+09.60	72.76 R	1144.87
PT #6	3+25.00	79.32 R	1143.60



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NO.	DATE	BY	DESCRIPTION
1.	11/17/2020	BMB	ADDENDUM 1

TOWN OF ROXBURY, VT

1664 ROXBURY RD.
ROXBURY, VT
05669

TH-1 PERMANENT SLOPE STABILIZATION

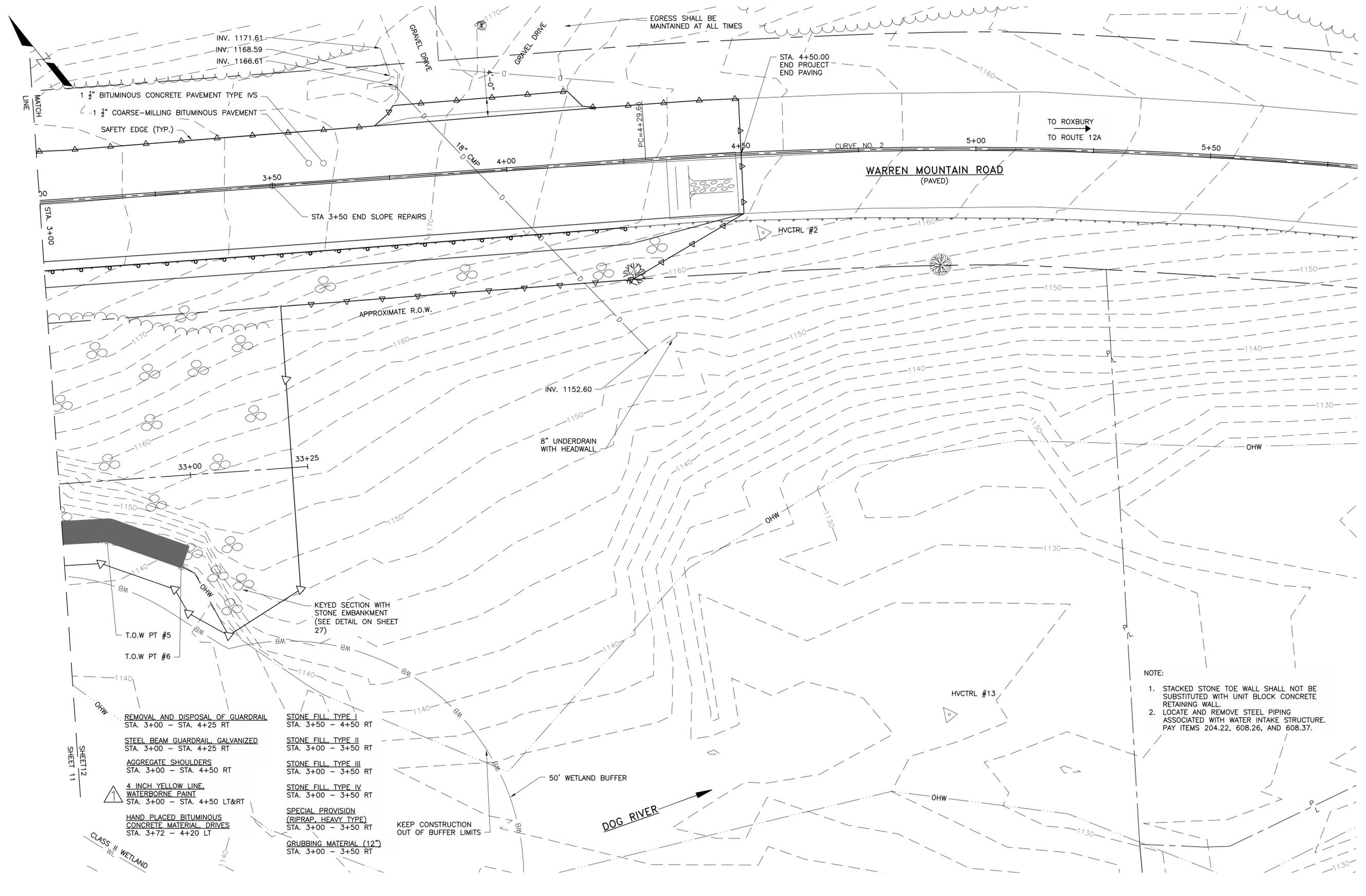
SHEET TITLE

PROPOSED SITE
SHEET 2

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PROJ. ENG. BMB	

SHEET NUMBER

13



(FULL SIZE AT 22x34,
HALF SIZE AT 11x17)

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