ARROW HEAD LAKE ROAD BRIDGE 10 REPAIRS

HIGHWAY SUPERVISOR TODD CADIEUX

TOWN ADMINISTRATOR STACY KATON

SELECTBOARD CARL ROSENQUIST, CHAIR BRIAN DUNSMORE PAUL JANSEN KRISTINA SENNA



TOWN OF GEORGIA, VERMONT JANUARY 2025

	Sheet List Table		
Sheet	Sheet Title		
G-1.0	TITLE PAGE		
C-1.0	SITE PLAN		
22	1985 VTRANS PLANS - EXPANSION JOINT DETAIL.		
25	1985 VTRANS PLANS - ABUTMENT 2 DETAILS		
SD-516.11A	VTRANS STRUCTURAL DETAILS		
SD-516.11B	VTRANS STRUCTURAL DETAILS		
NOTE: 1985 VTRANS PLANS HAVE BEEN MARKED UP BY EAST ENGINEERING FOR CLARITY.			

			STRUCTURE	
	ww	(802) 9 W.EASTENGII	89-6686 NEERINGPLC.COM	
	THIS ANYW/	DRAWING MAY	69581 WIL MSE VIL NOT BE ALTERED IN HE WRITTEN CONSENT	
	DR	PING ENGINEER YRIGHT © 2025		
	OWNER:			
		'N OF		
		GEO	RGIA	
	47 T(S	OWN COM ST. ALBAN	IMON ROAD NO S VT 05478	
		802-52	24-3524	
	PROJECT: BRIDGE 10 (HIGHBRIDGE)			
	REPAIRS			
	ISSUED FOR: BID & CONSTRUCTION			
S	ISSUED DATE: 2025-01-17			
ITY.	PROJ. #: 080-04			
		REVIS	SIONS	
	#	BY:	DATE:	
	TITLE SHEET			
	DRAWING NO:			
	G-1.0			

GENERAL NOTES

- TO CLARIFY THE PLANS, ALL EXISTING SITE FEATURES ARE SHOWN IN IOWercase LETTERS AND ALL PROPOSED IMPROVEMENTS ARE SHOWN IN CAPITAL LETTERS.
- THIS PLAN SHOWS APPROXIMATE SITE FEATURES, UTILITIES, TAX MAP BOUNDARY LINES, BUILDINGS, AND OTHER SITE FEATURES BASED ON INFORMATION FROM THE VERMONT GEODATA PORTAL, OWNER, AND UTILITY COMPANIES. THIS IS NOT A BOUNDARY SURVEY.
- TECHNICAL SPECIFICATIONS ACCOMPANY THE PLANS AND ARE ESSENTIAL FOR CONSTRUCTION. UNLESS OTHERWISE NOTED, THE VERMONT AGENCY OF TRANSPORTATION (VTRANS) 2024 STANDARD SPECIFICATIONS FOR CONSTRUCTION SHALL BE FOLLOWED. CONTRACTOR FIELD PERSONNEL SHALL HAVE THE PLANS, SPECIFICATIONS, AND BID DOCUMENTS IN THE FIELD DURING CONSTRUCTION.

CONSTRUCTION NOTES

- ALL SITE SAFETY, SECURITY, MEANS AND METHODS ARE THE RESPONSIBILITY OF THE CONTRACTOR. ALL OSHA/VOSHA RULES AND REGULATIONS SHALL BE ADHERED TO AT ALL TIMES. AT THE END OF EACH WORKING DAY, CONTRACTOR SHALL SECURE ALL EQUIPMENT, MATERIALS, AND FACILITIES. ALL OPEN EXCAVATIONS SHALL BE BARRICADED, FENCED, PLATED, COVERED OR TEMPORARILY BACKFILLED.
- ALL APPLICABLE PERMITTING CONDITIONS AND REGULATIONS SHALL BE MAINTAINED BY THE CONTRACTOR
- NO WORK OUTSIDE OF THE TOWN RIGHT-OF-WAY, OR TOWN OBTAINED EASEMENTS, UNLESS WRITTEN PERMISSION FROM THE LANDOWNER IS OBTAINED.
- DETOUR TO BE CLOSELY COORDINATED WITH TOWN OF GEORGIA. ALL DISTURBED AREAS SHALL BE RESTORED TO PRE-CONSTRUCTION CONDITIONS OR BETTER.

EROSION PREVENTION & SEDIMENT CONTROL NOTES (EPSC)

- THE PROJECT IS NOT REQUIRED TO OBTAINED COVERAGE UNDER THE STATE OF VERMONT, AGENCY OF NATURAL RESOURCES, DEPARTMENT OF ENVIRONMENTAL CONSERVATION, CONSTRUCTION GENERAL PERMIT (3-9020) FOR STORMWATER GENERATED FROM THE PROJECT. HOWEVER, BEST MANAGEMENT PRACTICES FOR EROSION PREVENTION AND SEDIMENT CONTROL SHALL BE MAINTAINED REGARDLESS.
- DISTURBED AREAS NOT UNDER ACTIVE CONSTRUCTION SHALL BE STABILIZED WITHIN 7 DAYS. IF TURBID WATER IS FOUND TO BE LEAVING THE PROJECT AREA, THE CONTRACTOR SHALL IMPLEMENT ADDITIONAL EROSION PREVENTION AND SEDIMENT CONTROL DEVICES TO LIMIT THE
- DISCHARGE. DISCHARGES SHALL BE REPORTED TO THE ENGINEER WITHIN 24 HOURS. EPSC MEASURES SHALL BE REMOVED FROM THE PROJECT ONCE ALL AREAS ARE STABILIZED AND GREEN AREAS HAVE OBTAINED 75% VEGETATED COVER.
- BYPASS PUMPING AND DEWATERING SHALL BE DISCHARGED TO UPLAND AREAS INTO AN APPROVED EROSION PREVENTION DEVICE, UNLESS WATER IS CLEAR AND FREE OF TURBIDITY.
- SLOPES STEEPER THAN 2:1 SHALL HAVE STONE ARMORING. SLOPES BETWEEN 2:1 AND 3:1 SHALL HAVE ROLLED EROSION MATTING. SLOPES LESS THAN 3:1 SHALL HAVE SEED AND MULCH.





EXISTING LEGEND :

tel	underground telecom
ohw	overhead wires
w	water
WW	sewer
gas	gas
С	utility pole
-00	fence/guardrail
	wetland area
	trees/vegetation
	road right-of-way / tax map
	elevation contour
	edge of water
	ACOE ohw
	easement

PROPOSED LEGEND :

STONE ARMORING CONCRETE CULVERT/BRIDGE SIGN/TYPE 0 x 452.0' SPOT ELEVATION ACOE INCIDENTAL IMPACT ACOE TEMPORARY IMPACT ACOE PERMANENT IMPACT

ABBREVIATIONS:

TYPTYPICALTEMPTEMPORARYMINMINIMUMMAXMAXIMUMTBRTO BE REMOVEDTBATO BE ABANDONEDAPPROXAPPROXIMATEELELEVATIONROWRIGHT-OF-WAYCTRLCONTROL POINTNTSNOT TO SCALEN/FNOW OR FORMERLY	HDPE CONC DI PVC CMP VTRANS MUTCD	HIGH DENSITY POLYETHYLEN CONCRETE DUCTILE IRON POLYVINYL CHLORIDE CORRUGATED METAL PIPE VERMONT AGENCY OF TRANSPORTATION MANUAL ON UN. TRAFFIC CONTROL DEVICES
	TYP TEMP MIN MAX TBR TBA APPROX EL ROW CTRL NTS N/F	TYPICAL TEMPORARY MINIMUM MAXIMUM TO BE REMOVED TO BE ABANDONED APPROXIMATE ELEVATION RIGHT-OF-WAY CONTROL POINT NOT TO SCALE NOW OR FORMERLY

C-1.0

DRAWING NO:

SITE PLAN

PROJ. #: 080-04 REVISIONS DATE: BY: #

BID & CONSTRUCTION ISSUED DATE:

2025-01-17

ISSUED FOR:

PROJECT: BRIDGE 10 (HIGHBRIDGE) REPAIRS

47 TOWN COMMON ROAD NO ST. ALBANS VT 05478 802-524-3524

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OWNER:

TOWN OF

GEORGIA



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AIR TEMP	" A " DISTANCE
0°F	4 ¹³ /16"
10 ° F	4 5/8 "
20 ° F	4 7/ ₁₆ "
30 ° F	4 1/4"
45 • F	4"
60°F	3 3/4"
70 ° F	3 ⁹ /16"
80°F	3 <u>%</u> "
90°F	3 3/16*

STATE OF VERMONT AGENCY OF TRANSPORTATION				
Town Of GEORGIA	Bridge No. /O			
Highway No. TH + /	Surv. Sta. 88+/5.0			
TH +I over LAMOILLE RIVER				
EXPANSION JOINT	DETAILS & ABUT +2			
Designed By C.P.WILLIAMS	Drown By E. BLODGETT			
Checked By Date D.NEWTON /~85	Bridge Design Supervisor F. W. BolkumDate 2/85			
GEORGIA	PROJECT NO. BRZ 1448(3)			
LG.C. Info. QSA/:[30,23]63E	OTOEXP			
Bridge Sheet No.	Sheet 22 of 61			









	JOINT GAP DIMENSION TABLE				
		"A" Dist	ance (in)		
Temp		Exp	ansion Lengtl	า (ft)	
(°F)	100 - 120	>120 - 140	>140 - 160	>160 - 180	>180 - 200
0	1 5/8	1 13/16	1 7/8	1 15/16	2 1/8
15	1 1/2	1 5/8	1 11/16	1 3/4	1 7/8
30	1 5/16	1 1/2	1 1/2	1 1/2	1 5/8
45	1 3/16	1 5/16	1 5/16	1 5/16	1 7/16
60	1 1/16	1 1/8	1 1/8	1 1/16	1 3/16
75	15/16	1	15/16	7/8	15/16
90	3/4	13/16	3/4	11/16	11/16
105	5/8	11/16	9/16	7/16	1/2

Bearing.



31010		П
1/4''	RA	D
PRO	VID	Е
L8×	4 (Т

ΥF	\rightarrow	

