

**MAINE DEPARTMENT OF TRANSPORTATION  
HIGHWAY PROGRAM  
GEOTECHNICAL SECTION  
AUGUSTA, MAINE**

**GEOTECHNICAL DESIGN REPORT**

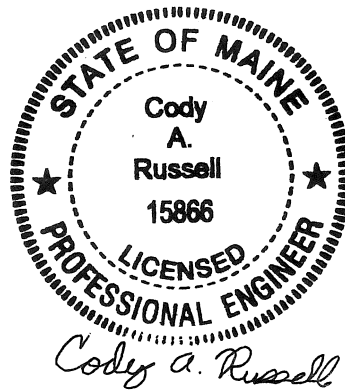
*For the Replacement of*

**LARGE CULVERT #180935  
SLY BROOK ROAD  
EAGLE LAKE, MAINE**

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Aroostook County  
WIN 24269.00

Soils Report 2024-53  
November 13, 2024

## **PROJECT DETAILS**

The purpose of this Geotechnical Design Report is to present subsurface information and make geotechnical design and construction recommendations for the replacement of an existing cross culvert (#180935) consisting of a 36-inch diameter, 40-foot long corrugated metal pipe (CMP) on Sly Brook Road in Eagle Lake. The existing culverts are in poor condition and need replacement both from an infrastructure and environmental standpoint. The culvert is located approximately 0.32 of a mile north of the Paradis Road Intersection as shown in the attached Location Map. Sly Brook Road is a Highway Corridor Priority 4 road.

The proposed replacement structure will be a 103-inch span by 71-inch rise by 64-foot long polymer coated corrugated steel pipe arch culvert on a skew of approximately 10.5 degrees. The invert of the proposed culvert is approximately 9 feet below the existing road grade at the roadway centerline. The roadway embankment slopes at the proposed culvert inlet and outlet shall be no steeper than 2H:1V to protect against erosion.

## **SUBSURFACE INVESTIGATION**

One (1) boring (HB-ELA-101) and one (1) probe (HB-ELA-102) were drilled for this project on September 18, 2019 by the MaineDOT drill crew using a trailer-mounted drill rig. Exploration locations are shown on the attached Boring Location Plan & Interpretive Subsurface Profile with Boring Logs. Details and sampling methods used, field data obtained, and soil and groundwater conditions encountered are shown on the attached Boring Logs.

Boring HB-ELA-101 was drilled using solid stem auger technique. Soil samples were obtained in boring HB-ELA-101 at 5-foot intervals using Standard Penetration Test (SPT) methods. The MaineDOT drill rig is equipped with an automatic hammer to drive the split spoon. The MaineDOT calibrated automatic hammer delivers approximately 48 percent more energy during driving than the standard rope and cathead system. All N-values discussed in this report are corrected values ( $N_{60}$ ) computed by applying an average energy transfer factor of 0.886 to the raw field N-values. No soil samples were obtained in the probe.

The MaineDOT Geotechnical Team member selected the boring and probe locations, drilling methods, designated type and depth of sampling, reviewed field logs for accuracy and identified field and laboratory testing requirements. A NorthEast Transportation Training and Certification (NETTCP) certified Subsurface Investigator logged the subsurface conditions encountered. The boring and probe were located in the field by taping to surveyed site features after completion of the drilling program.

## **LABORATORY TESTING**

A laboratory testing program was conducted to assist in soil classification, evaluation of engineering properties of the soils and geologic assessment of the project site. Laboratory testing consisted of three (3) standard grain size analyses with natural water content, and one (1) grain size analyses with hydrometer and natural water content. The results of the laboratory testing

program are discussed in the following section and are shown on the attached Boring Logs, Laboratory Testing Summary Sheet, and Grain Size Distribution Curve sheet.

## SUBSURFACE CONDITIONS

Subsurface conditions encountered in the test boring and probe were generally fill consisting of sand and sandy gravel underlain by silt underlain by glacial till consisting of sand. An interpretive subsurface profile depicting the generalized soil stratigraphy at the boring location is shown on the attached Boring Location Plan & Interpretive Subsurface Profile with Boring Logs.

Boring HB-ELA-101 was drilled to a depth of approximately 17.0 feet below ground surface (bgs) without encountering a refusal surface. Probe HB-ELA-102 was drilled to a depth of approximately 15.5 feet below ground surface (bgs) without encountering a refusal surface. The exact nature of the refusal surface was not determined in the probe.

The table below summarizes the field and laboratory information obtained in boring HB-ELA-101:

Approx. Depth BGS <sup>1</sup> (feet)	Soil Description	AASHTO <sup>2</sup> Classification	USCS <sup>3</sup>	WC% <sup>4</sup>
0.0 – 8.0	Fill: Brown, moist, fine to coarse sand, some gravel, some silt.	A-1-b	SM	10.9
	Brown, moist, fine to coarse sandy gravel, little silt, thin organic layer, wood.	A-1-a	GM	13.4
8.0 – 14.0	Grey, wet, silt, some fine to coarse sand, little gravel, little clay.	A-4	CL	10.1
14.0 – 17.0	Till: Grey, wet, fine to coarse sand, some gravel, some silt.	A-2-4	SM	8.6

<sup>1</sup>BGS = below ground surface

<sup>2</sup>AASHTO = American Association of State Highway and Transportation Officials

<sup>3</sup>USCS = Unified Soil Classification System

<sup>4</sup>WC% = Water content in percent

Two (2) corrected N-values obtained in the fill were 12 blows per foot (bpf) and 34 bpf, indicating that the fill is medium dense to dense in consistency. One (1) corrected N-value obtained in the silt was 32 bpf, indicating that the silt is hard in consistency. One (1) corrected N-value obtained in the till was 47 bpf, indicating that the till is dense in consistency.

Groundwater was recorded at depth 12.0 feet bgs in boring HB-ELA-101. Groundwater levels can be expected to fluctuate subject to seasonal variations, local soil conditions, topography, precipitation, and construction activity.

## GEOTECHNICAL DESIGN AND CONSTRUCTION RECOMMENDATIONS

The following sections discuss geotechnical recommendations for the design and construction of the proposed polymer-coated corrugated steel pipe arch culvert.

**Polymer-Coated Corrugated Steel Pipe Arch Culvert Design and Construction** – The proposed replacement structure will consist of a 103-inch span by 71-inch rise by 64-foot polymer-coated corrugated steel pipe arch culvert on a skew of approximately 10.5 degrees. The proposed structure inlet and outlet slopes shall be riprapped with slopes no steeper than 2H:1V to protect against erosion. The proposed polymer-coated corrugated steel pipe arch culvert shall be designed and constructed in accordance with MaineDOT Standard Specification 603. The invert of the proposed polymer-coated corrugated steel pipe culvert ranges from approximately 585.75 feet at the inlet end to approximately 584.25 feet at the outlet end with a slope of approximately 2.3%.

The full nature of the proposed culvert bearing surface will not become evident until the culvert excavation is made. Any cobbles or boulders encountered in excess of 6 inches shall be removed and replaced with compacted Granular Borrow Material for Underwater Backfill or Crushed Stone  $\frac{3}{4}$ -Inch. The prepared subgrade shall be proof-rolled using a static roller to visually confirm the prepared subgrade is firm and stable. The exposed subgrade shall be free of ponded water so that bedding material placement and compaction can be completed in the dry.

The proposed structure shall be bedded on a 1-foot thick layer of Granular Borrow, Material for Underwater Backfill meeting the requirements of MaineDOT Standard Specification 703.19. The soil envelope and backfill shall consist of Standard Specification 703.19 - Granular Borrow with a maximum particle size of 4 inches. The granular borrow bedding and backfill material shall be placed in lifts of 6 to 8 inches loose measure and compacted to the manufacturer's specifications or, in the absence of manufacturer's specifications. The bedding and backfill soil shall be compacted to at least 92 percent of the AASHTO T-180 maximum dry density. All subgrade surfaces should be protected from construction traffic in order to limit disturbance.

**Settlement** – No settlement issues are anticipated at the site. The proposed polymer-coated corrugated steel pipe arch culvert is larger than the existing culvert and will result in a net unloading of the site soils at the proposed structure location. Placement of fill soils at the location of the existing structure is not anticipated to exceed the past loading condition of the site soils. Any settlement due to elastic compression of the bedding material will be immediate and negligible.

**Scour and Riprap** – Both the inlet and outlet of the polymer-coated corrugated steel pipe arch culvert shall be protected against scour with riprap conforming to MaineDOT Standard Specification Section 703.26 Plain and Hand Laid Riprap. The roadway embankment slopes at the proposed culvert inlet and outlet shall be no steeper than 2H:1V. No specific scour protection recommendations are needed other than armoring with riprap. The riprap on the slopes shall be underlain by a non-woven, Class 1 Erosion Control Geotextile meeting the requirements of MaineDOT Standard Specification 722.03 that is underlain by a 1-foot layer of protective aggregate cushion consisting of Granular Borrow Material for Underwater Backfill (703.19). The toe of the riprap sections shall be keyed into the existing soils 1 foot below the streambed elevation.

**Construction Considerations** – Construction activities will include construction of cofferdams and earth support systems to control stream flow during construction. Construction activities will also include common earth excavation. Construction of the corrugated metal pipe arch culvert will require soil excavation. Earth support systems shall be implemented if laying back slopes is not feasible. It is likely that the use of complex (four-sided) braced excavations with dewatering will be necessary due to the depth of the excavation. If this is the case, adequate embedment into the native soils will be necessary to allow for the excavation and maintenance of a stable excavation bottom. All earth support systems shall be designed by a Professional Engineer licensed in the State of Maine. Regardless of the method of excavation, all excavations and earth support systems shall meet all applicable OSHA regulations.

The soils at the bedding elevation shall be excavated using a smooth-edged backhoe bucket to limit disturbance. Any disturbed soils at the bedding elevation resulting from excavation activities shall be removed by hand prior to placement of the geotextile wrapped, geogrid reinforced, crushed stone mat. All subgrade surfaces should be protected from construction traffic in order to limit disturbance. Groundwater and surface water levels shall be depressed sufficiently to allow work in the dry.

The Contractor shall control groundwater and surface water infiltration using temporary ditches, sumps, granular drainage blankets, stone ditch protection or hand-laid riprap with geotextile underlayment to divert groundwater and surface water as needed to maintain a stable excavation and allow work in the dry.

Using the excavated native soils as backfill around the culvert shall not be permitted. The native soils may only be used as Common Borrow in accordance with MaineDOT Standard Specifications 203 and 703.

The Contractor will have to excavate the existing subbase and subgrade fill soils in the vicinity of the culvert. These materials should not be used to re-base the roadway. Excavated subbase sand and gravel may be used as fill below roadway subgrade level in fill areas provided all other requirements of MaineDOT Standard Specifications 203 and 703 are met.

## **CLOSURE**

This report has been prepared for the use of the MaineDOT Highway Program and their project design consultant for specific application to the proposed replacement of a cross culvert (#180935) under Sly Brook Road in Eagle Lake, Maine in accordance with generally accepted geotechnical and foundation engineering practices. No other intended use or warranty is expressed or implied.

In the event that any changes in the nature, design, or location of the proposed project are planned, this report should be reviewed by a geotechnical engineer to assess the appropriateness of the conclusions and recommendations and to modify the recommendations as appropriate to reflect the changes in design. These analyses and recommendations are based in part upon a limited subsurface investigation at discrete exploratory location completed at the site. If variations from the conditions encountered during the investigation appear evident during construction, it may also become necessary to re-evaluate the recommendations made in this report.

It is recommended that a geotechnical engineer be provided the opportunity for a review of the design and specifications in order that the earthwork and foundation recommendations and construction considerations presented in this report are properly interpreted and implemented in the design and specifications.

**Attachments:**

Location Map

Boring Location Plan & Interpretive Subsurface Profile with Boring Logs

Key to Soil and Rock Descriptions and Terms

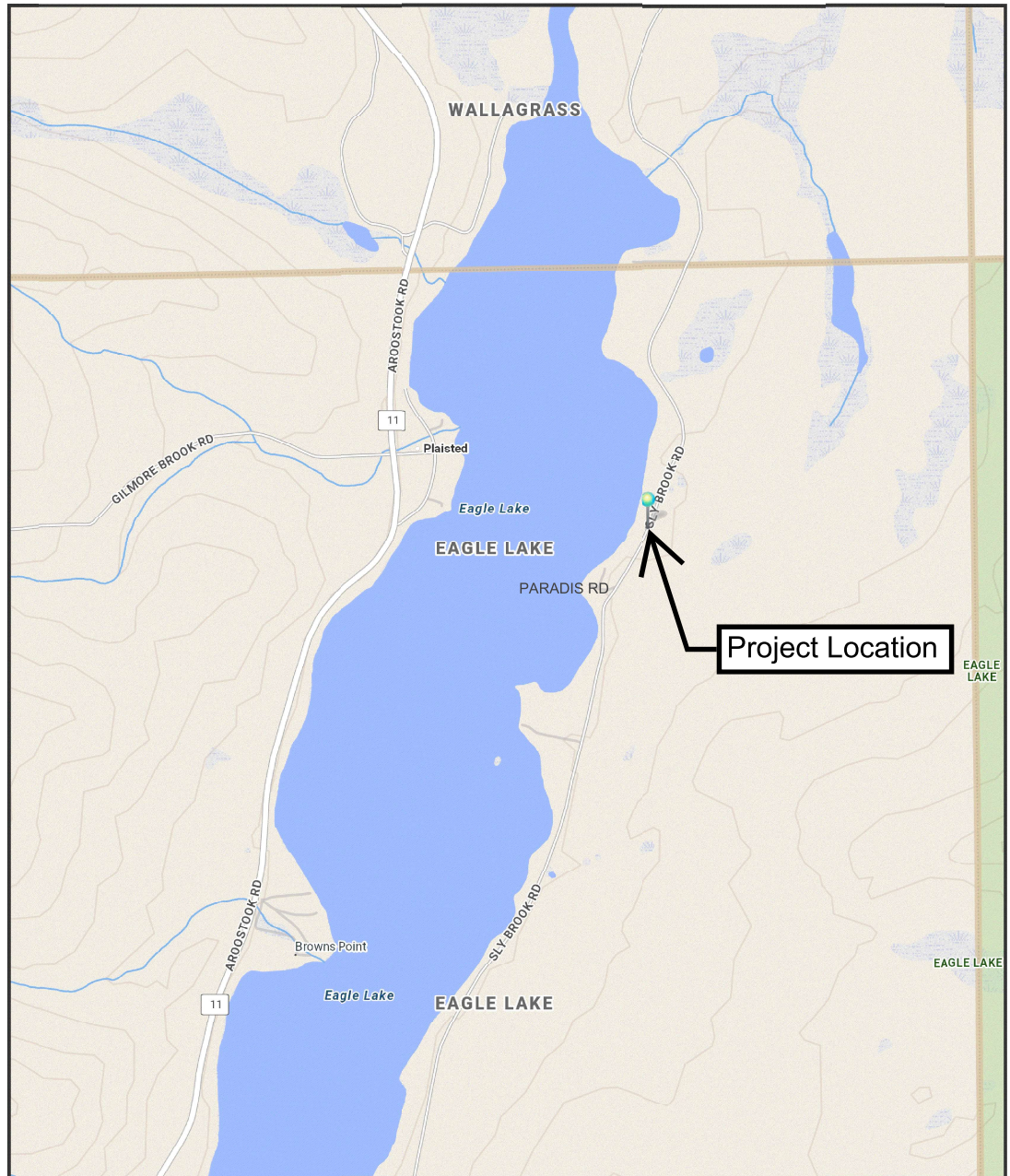
Boring Logs

Laboratory Testing Summary Sheet

Grain Size Distribution Curve Sheet



## EAGLE LAKE, MAINE



The Maine Department of Transportation provides this publication for information only. Reliance upon this information is at user risk. It is subject to revision and may be incomplete depending upon changing conditions. The Department assumes no liability if injuries or damages result from this information. This map is not intended to support emergency dispatch.

0.35 Miles  
1 inch = 0.41 miles

Date: 11/12/2024  
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SHEET NUMBER

1

OF 2

EAGLE LAKE  
SLY BROOK RD.

LOCATION MAP

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION

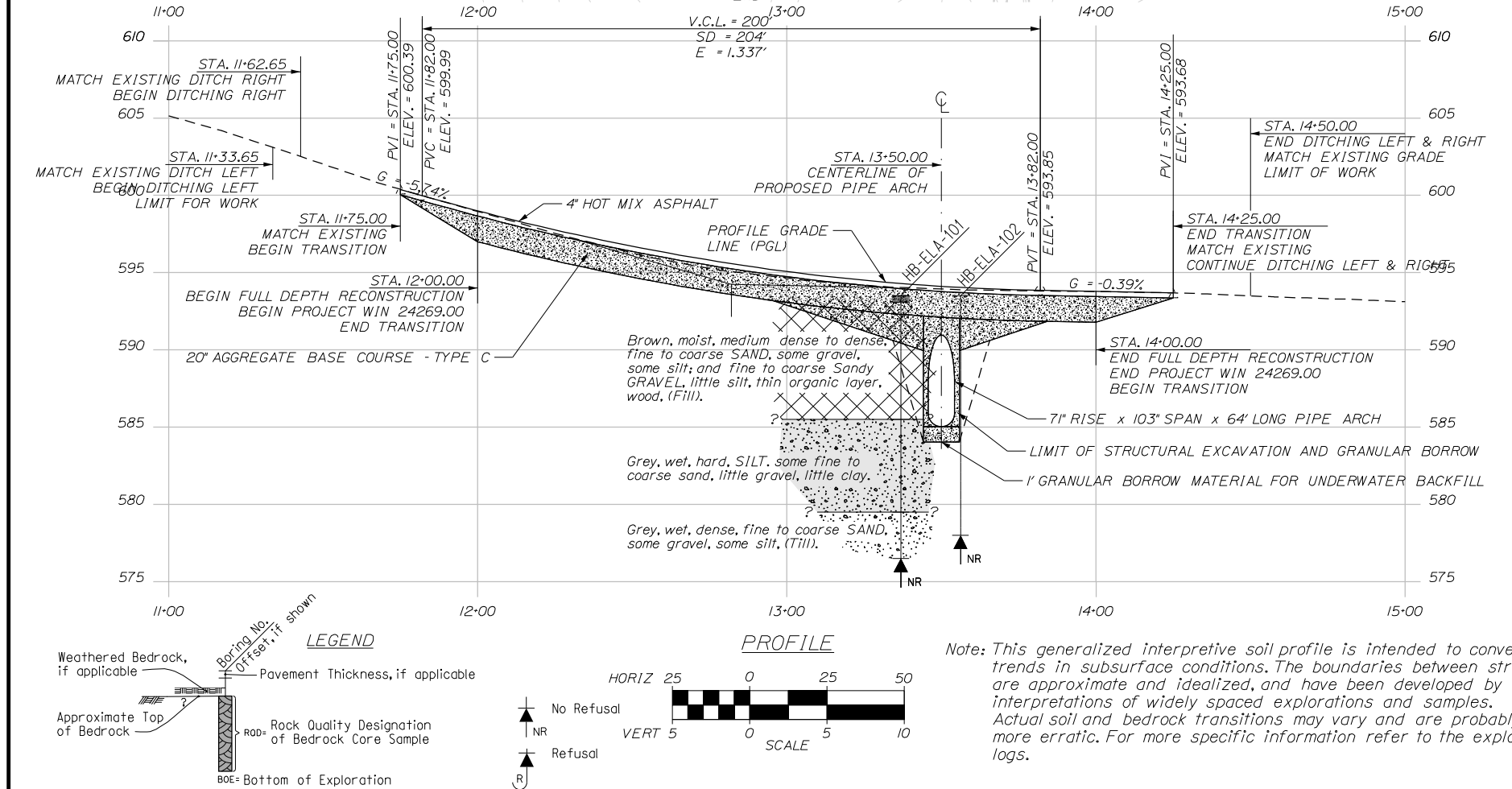
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HIGHWAY PLANS





*Note: This generalized interpretive soil profile is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and have been developed by interpretations of widely spaced explorations and samples. Actual soil and bedrock transitions may vary and are probably more erratic. For more specific information refer to the exploration logs.*

Maine Department of Transportation Self/Seal Expansion Log US CUSTOMER UNITS				Project Large Culvert Replacement on Sly Brook Road Location Eagle Lake, Maine		Boring No.: <u>HB-ELA-102</u> WIN: <u>24269.00</u>	
Drilling Contractor: <u>Hydrot</u>		Elevation (Ft.): <u>593.5</u>		Auger ID/OD: <u>5" DIA.</u>			
Operator: <u>Duggan/Tiles</u>		Datum: <u>NAVD83</u>		Sampler: <u>N/A</u>			
Logged By: <u>B. Wfider</u>		Rtg Type: <u>CHE-45C</u>		Hammer Wt./Fall: <u>N/A</u>			
Date Start/Finish: <u>3/18/2019 09:00-11:30</u>		Drilling Method: <u>Self Seal Auger</u>		Core Barrel: <u>N/A</u>			
Boring Location: <u>13+56.2, 9.5 ft LT.</u>		Coating ID/OD: <u>N/A</u>		Water Level: <u>11.5 ft bgs</u>			
<div style="display: flex; justify-content: space-between; font-size: small;"> <div> <b>Self/Seal Notes:</b> Split Open Sample            1 = Top of Self Auger Flange            2 = Bottom Sample off Auger Flange            3 = Unconsolidated Soil            4 = Thin Soil Tube Sample            5 = No Penetration Thick from Shear Test Attempt            6 = No Penetration Thick from Shear Test Attempt            7 = No Penetration Thick from Shear Test Attempt         </div> <div> <b>W = Unconsolidated Thin Soil Tube Sample Strength</b>            1 = Basic Core Sample            2 = Self Seal Auger            3 = No Soil from Auger            4 = No Soil from Auger            5 = No Soil from Auger            6 = No Soil from Auger            7 = No Soil from Auger         </div> <div> <b>SS = Sample Strength</b>            SS1 = Sample Strength            SS2 = Sample Strength            SS3 = Sample Strength            SS4 = Sample Strength            SS5 = Sample Strength           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UNIFIED SOIL CLASSIFICATION SYSTEM					
MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES	
COARSE-GRAINED SOILS  (more than half of material is larger than No. 200 sieve size)	GRAVELS  (more than half of coarse fraction is larger than No. 4 sieve size)	CLEAN GRAVELS	GW	Well-graded gravels, gravel-sand mixtures, little or no fines.	
		(little or no fines)	GP	Poorly-graded gravels, gravel sand mixtures, little or no fines.	
		GRAVEL WITH FINES (Appreciable amount of fines)	GM	Silty gravels, gravel-sand-silt mixtures.	
		GC	Clayey gravels, gravel-sand-clay mixtures.		
		SANDS  (more than half of coarse fraction is smaller than No. 4 sieve size)	CLEAN SANDS	SW	Well-graded sands, Gravelly sands, little or no fines
	(little or no fines)		SP	Poorly-graded sands, Gravelly sand, little or no fines.	
	SANDS WITH FINES (Appreciable amount of fines)		SM	Silty sands, sand-silt mixtures	
	SC		Clayey sands, sand-clay mixtures.		
	FINE-GRAINED SOILS  (more than half of material is smaller than No. 200 sieve size)	SILTS AND CLAYS  (liquid limit less than 50)	ML	Inorganic silts and very fine sands, rock flour, Silty or Clayey fine sands, or Clayey silts with slight plasticity.	
CL			Inorganic clays of low to medium plasticity, Gravelly clays, Sandy clays, Silty clays, lean clays.		
OL			Organic silts and organic Silty clays of low plasticity.		
SILTS AND CLAYS  (liquid limit greater than 50)			MH	Inorganic silts, micaceous or diatomaceous fine Sandy or Silty soils, elastic silts.	
			CH	Inorganic clays of high plasticity, fat clays.	
		OH	Organic clays of medium to high plasticity, organic silts.		
HIGHLY ORGANIC SOILS		Pt	Peat and other highly organic soils.		
<b>Desired Soil Observations (in this order, if applicable):</b> Color (Munsell color chart) Moisture (dry, damp, moist, wet) Density/Consistency (from above right hand side) Texture (fine, medium, coarse, etc.) Name (Sand, Silty Sand, Clay, etc., including portions - trace, little, etc.) Gradation (well-graded, poorly-graded, uniform, etc.) Plasticity (non-plastic, slightly plastic, moderately plastic, highly plastic) Structure (layering, fractures, cracks, etc.) Bonding (well, moderately, loosely, etc., ) Cementation (weak, moderate, or strong) Geologic Origin (till, marine clay, alluvium, etc.) Groundwater level					
<b>Maine Department of Transportation Geotechnical Section Key to Soil and Rock Descriptions and Terms Field Identification Information</b>					

MODIFIED BURMISTER SYSTEM			
<u>Descriptive Term</u>		<u>Portion of Total (%)</u>	
trace		0 - 10	
little		11 - 20	
some		21 - 35	
adjective (e.g. Sandy, Clayey)		36 - 50	
<b>TERMS DESCRIBING DENSITY/CONSISTENCY</b>			
<b>Coarse-grained soils</b> (more than half of material is larger than No. 200 sieve): Includes (1) clean gravels; (2) Silty or Clayey gravels; and (3) Silty, Clayey or Gravelly sands. Density is rated according to standard penetration resistance (N-value).			
<u>Density of Cohesionless Soils</u>		<u>Standard Penetration Resistance N-Value (blows per foot)</u>	
Very loose		0 - 4	
Loose		5 - 10	
Medium Dense		11 - 30	
Dense		31 - 50	
Very Dense		> 50	
<b>Fine-grained soils</b> (more than half of material is smaller than No. 200 sieve): Includes (1) inorganic and organic silts and clays; (2) Gravelly, Sandy or Silty clays; and (3) Clayey silts. Consistency is rated according to undrained shear strength as indicated.			
<u>Consistency of Cohesive soils</u>		<u>SPT N-Value (blows per foot)</u>	<u>Approximate Undrained Shear Strength (psf)</u>
Very Soft		WOH, WOR, WOP, <2	0 - 250
Soft		2 - 4	250 - 500
Medium Stiff		5 - 8	500 - 1000
Stiff		9 - 15	1000 - 2000
Very Stiff		16 - 30	2000 - 4000
Hard		>30	over 4000
<b>Field Guidelines</b>			
Fist easily penetrates			
Thumb easily penetrates			
Thumb penetrates with moderate effort			
Indented by thumb with great effort			
Indented by thumbnail			
Indented by thumbnail with difficulty			
<b>Rock Quality Designation (RQD):</b>			
RQD (%) = $\frac{\text{sum of the lengths of intact pieces of core}^*}{\text{length of core advance}}$			
*Minimum NQ rock core (1.88 in. OD of core)			
<b>Rock Quality Based on RQD</b>			
<u>Rock Quality</u>		<u>RQD (%)</u>	
Very Poor		≤25	
Poor		26 - 50	
Fair		51 - 75	
Good		76 - 90	
Excellent		91 - 100	
<b>Desired Rock Observations (in this order, if applicable):</b>			
Color (Munsell color chart)			
Texture (aphanitic, fine-grained, etc.)			
Rock Type (granite, schist, sandstone, etc.)			
Hardness (very hard, hard, mod. hard, etc.)			
Weathering (fresh, very slight, slight, moderate, mod. severe, severe, etc.)			
Geologic discontinuities/jointing:			
-dip (horiz - 0-5 deg., low angle - 5-35 deg., mod. dipping - 35-55 deg., steep - 55-85 deg., vertical - 85-90 deg.)			
-spacing (very close - <2 inch, close - 2-12 inch, mod. close - 1-3 feet, wide - 3-10 feet, very wide >10 feet)			
-tightness (tight, open, or healed)			
-infilling (grain size, color, etc.)			
Formation (Waterville, Ellsworth, Cape Elizabeth, etc.)			
RQD and correlation to rock quality (very poor, poor, etc.)			
ref: ASTM D6032 and FHWA NHI-16-072 GEC 5 - Geotechnical Site Characterization, Table 4-12			
Recovery (inch/inch and percentage)			
Rock Core Rate (X.X ft - Y.Y ft (min:sec))			
<b>Sample Container Labeling Requirements:</b>			
WIN		Blow Counts	
Bridge Name / Town		Sample Recovery	
Boring Number		Date	
Sample Number		Personnel Initials	
Sample Depth			

<b>Maine Department of Transportation</b> Soil/Rock Exploration Log US CUSTOMARY UNITS				<b>Project:</b> Large Culvert Replacement on Sly Brook Road <b>Location:</b> Eagle Lake, Maine				<b>Boring No.:</b> HB-ELA-101 <b>WIN:</b> 24269.00																																																																																																																																																																																																																																																																						
<b>Driller:</b> MaineDOT				<b>Elevation (ft.):</b> 593.5				<b>Auger ID/OD:</b> 5" Dia.																																																																																																																																																																																																																																																																						
<b>Operator:</b> Daggett/Niles				<b>Datum:</b> NAVD88				<b>Sampler:</b> Standard Split Spoon																																																																																																																																																																																																																																																																						
<b>Logged By:</b> B. Wilder				<b>Rig Type:</b> CME 45C				<b>Hammer Wt./Fall:</b> 140#/30"																																																																																																																																																																																																																																																																						
<b>Date Start/Finish:</b> 9/18/2019; 09:00-11:30				<b>Drilling Method:</b> Solid Stem Auger				<b>Core Barrel:</b> N/A																																																																																																																																																																																																																																																																						
<b>Boring Location:</b> 13+36.9, 9.5 ft Rt.				<b>Casing ID/OD:</b> N/A				<b>Water Level*:</b> 12.0 ft bgs																																																																																																																																																																																																																																																																						
<b>Hammer Efficiency Factor:</b> 0.886				<b>Hammer Type:</b> Automatic <input checked="" type="checkbox"/> Hydraulic <input type="checkbox"/> Rope & Cathead <input type="checkbox"/>																																																																																																																																																																																																																																																																										
<div>Definitions: D = Split Spoon Sample MD = Unsuccessful Split Spoon Sample Attempt U = Thin Wall Tube Sample MU = Unsuccessful Thin Wall Tube Sample Attempt V = Field Vane Shear Test, PP = Pocket Penetrometer MV = Unsuccessful Field Vane Shear Test Attempt</div> <div>R = Rock Core Sample SSA = Solid Stem Auger HSA = Hollow Stem Auger RC = Roller Cone WOH = Weight of 140lb. Hammer WOR/C = Weight of Rods or Casing WO1P = Weight of One Person</div> <div>S<sub>u</sub> = Peak/Remolded Field Vane Undrained Shear Strength (psf) S<sub>u(lab)</sub> = Lab Vane Undrained Shear Strength (psf) q<sub>p</sub> = Unconfined Compressive Strength (ksf) N-uncorrected = Raw Field SPT N-value Hammer Efficiency Factor = Rig Specific Annual Calibration Value N<sub>60</sub> = SPT N-uncorrected Corrected for Hammer Efficiency N<sub>60</sub> = (Hammer Efficiency Factor/60%)*N-uncorrected</div> <div>T<sub>v</sub> = Pocket Torvane Shear Strength (psf) WC = Water Content, percent LL = Liquid Limit PL = Plastic Limit PI = Plasticity Index G = Grain Size Analysis C = Consolidation Test</div>																																																																																																																																																																																																																																																																														
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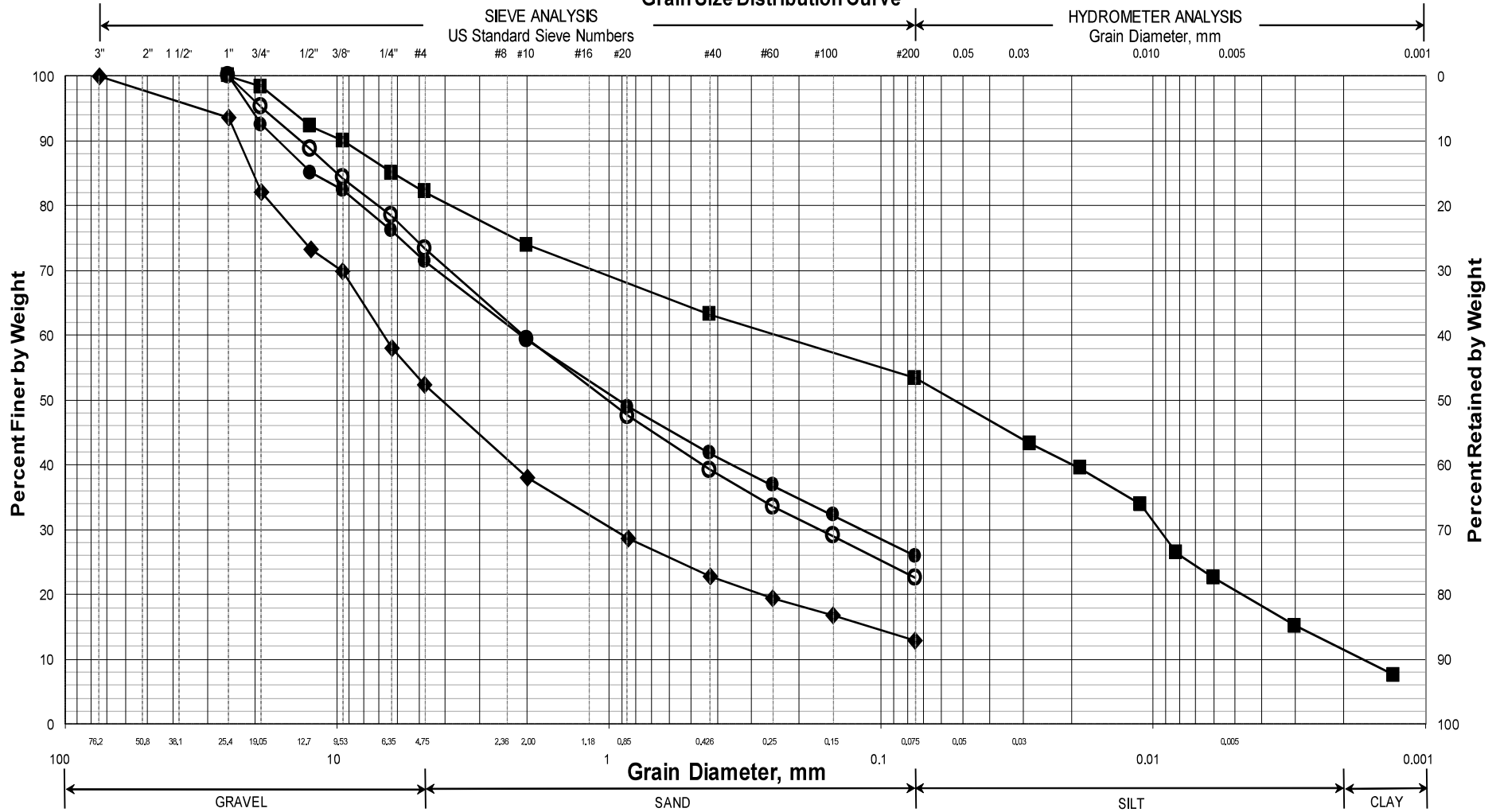
[illegible]

**Work Number: 24269.00**

Classification of these soil samples is in accordance with AASHTO Classification System M-145-40. This classification is followed by the "Frost Susceptibility Rating" from zero (non-frost susceptible) to Class IV (highly frost susceptible). The "Frost Susceptibility Rating" is based upon the MaineDOT and Corps of Engineers Classification Systems.

PI = Plasticity Index as determined by AASHTO 90-96 and/or ASTM D4318-98

# Maine Department of Transportation Grain Size Distribution Curve



UNIFIED CLASSIFICATION

	Boring/Sample No.	Station	Offset, ft	Depth, ft	Description	WC, %	LL	PL	PI
○	HB-ELA-101/1D	13+36.9	9.5 RT	1.0-3.0	SAND, some gravel, some silt.	10.9			
◆	HB-ELA-101/2D	13+36.9	9.5 RT	5.0-7.0	Sandy GRAVEL, little silt.	13.4			
■	HB-ELA-101/3D	13+36.9	9.5 RT	10.0-12.0	SILT, some sand, little gravel, little clay.	10.1			
●	HB-ELA-101/4D	13+36.9	9.5 RT	15.0-17.0	SAND, some gravel, some silt.	8.6			
▲									
X									

WIN
024269.00
Town
Eagle Lake
Reported by/Date
WHITE, TERRY A 6/1/2023