



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION
AUGUSTA, MAINE 04333-0016

Janet T. Mills
GOVERNOR

Bruce A. Van Note
COMMISSIONER

December 15, 2020
Subject: Large Culvert Replacement
State WIN: 024285.00
Location: **Stockton Springs**
Amendment No. 1

Dear Sir/Ms.:

Please make the following changes to the Bid Documents:

In the Plan Set:

REMOVE SHEET NUMBER 6 OF 18, and **REPLACE** with the attached SHEET NUMBER 6 OF 18 – BORING LOCATION PLAN & INTERPRETIVE SUBSURFACE PROFILE.

REMOVE SHEET NUMBER 7 OF 18, and **REPLACE** with the attached SHEET NUMBER 7 OF 18 – BORING LOGS.

The following question has been received:

Question: Page 6 & 7 of the drawings are blank. Are we missing something?

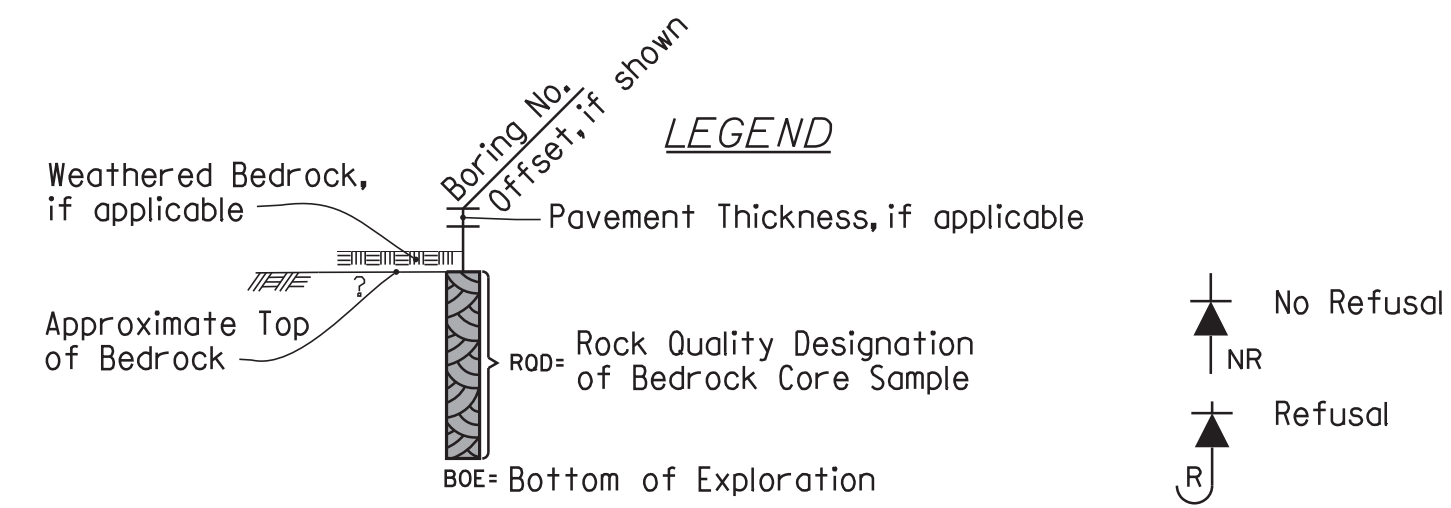
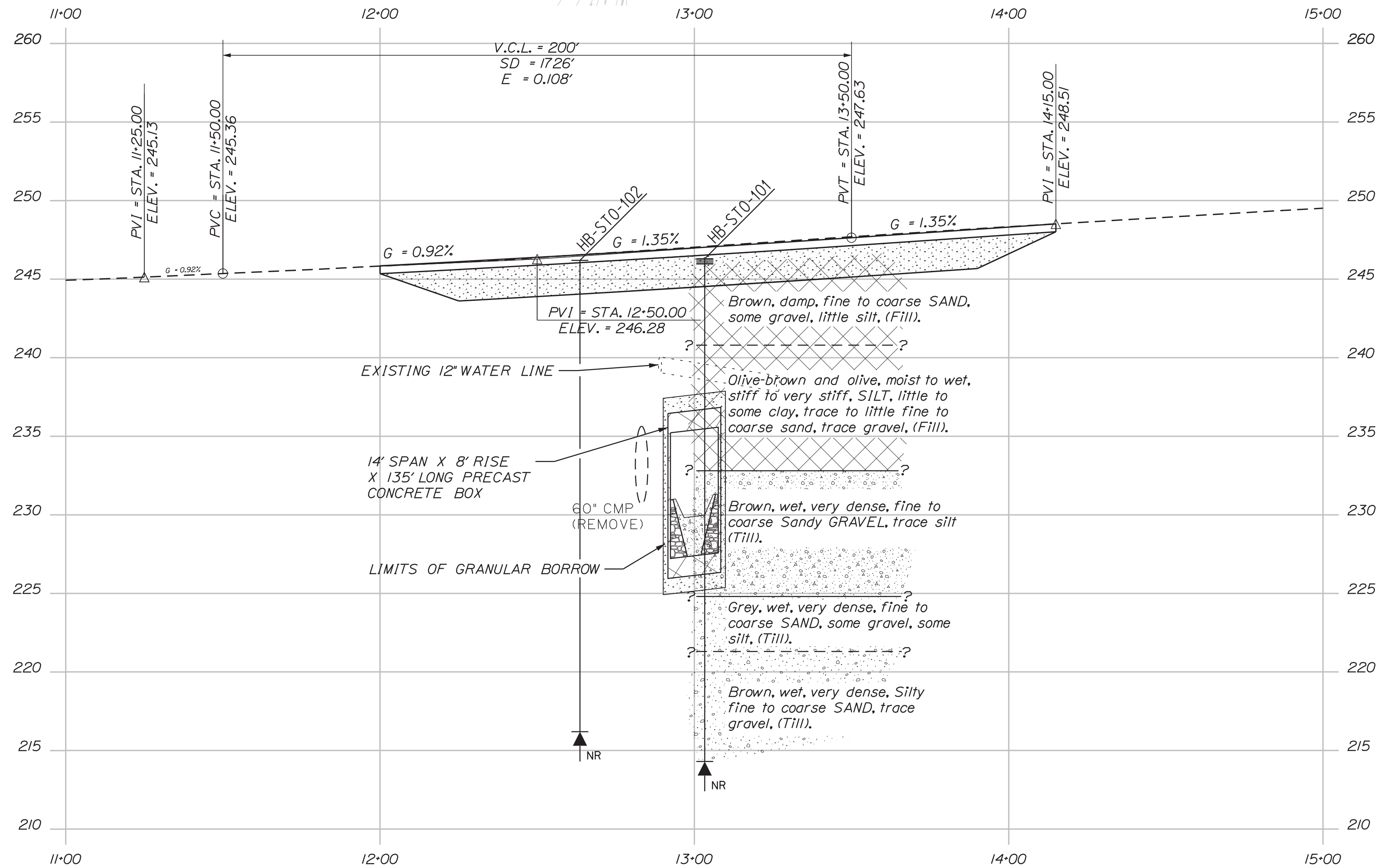
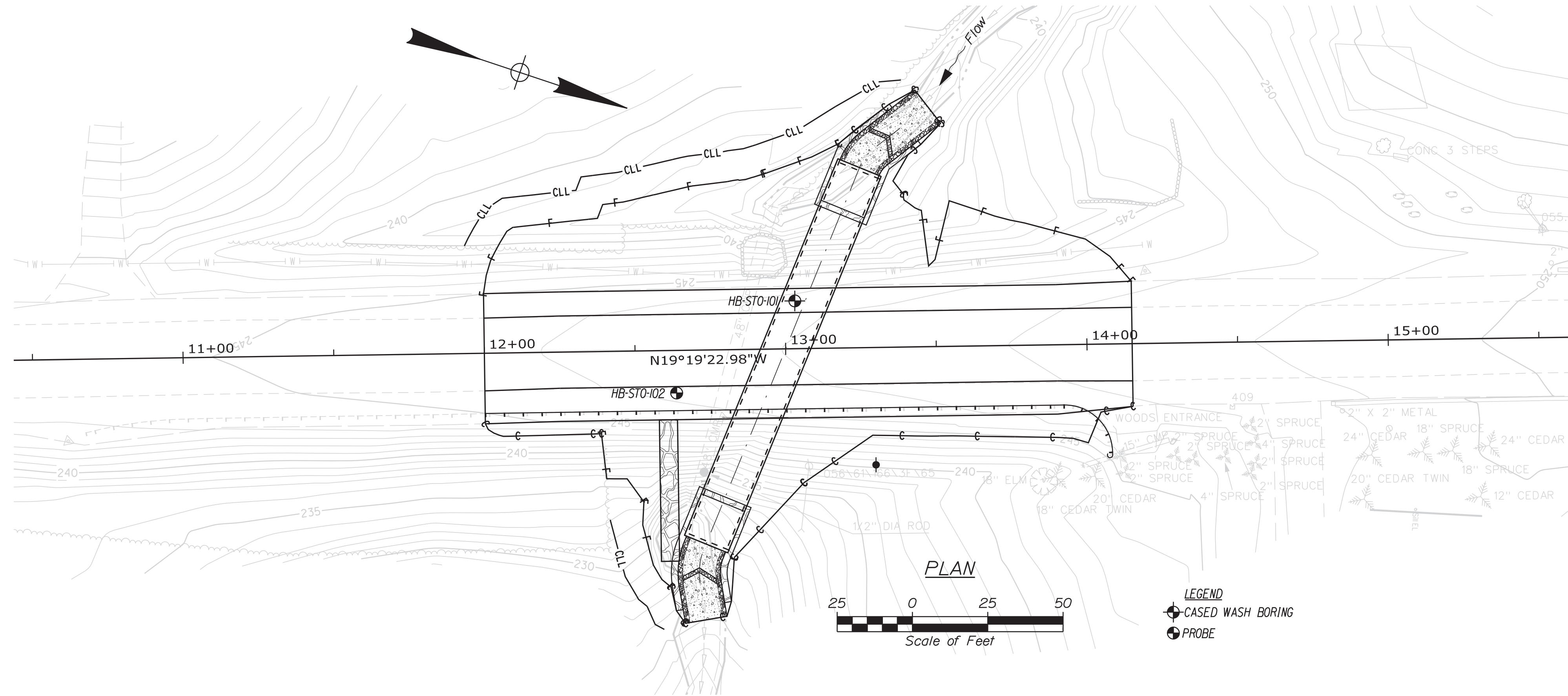
Response: See above changes.

Consider these changes and information prior to submitting your bid on **December 30, 2020**.

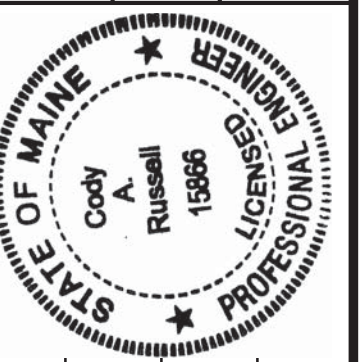
Sincerely,

A handwritten signature in blue ink that reads "George Macdougall".

George M. A. Macdougall P.E.
Contracts & Specifications Engineer



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.



Cody A. Russell
SIGNATURE
15866
P.E. NUMBER
11/10/2020
DATE

PROJ. MANAGER	DATE	BY
DESIGN DETAILED		
CHECKED/REVIEWED	OCT 2020	T. WHITE
DESIGN DETAILED		C. RUSSELL
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

STOCKTON SPRINGS
ROUTE 1A
BORING LOCATION PLAN &
INTERPRETIVE SUBSURFACE PROFILE

SHEET NUMBER

6

Maine Department of Transportation Soil/Book Exploration Log US CUSTOMARY UNITS		Project: Route 1A Large Culvert Replacement Location: Stockton Springs, Maine		Boring No.: HB-ST0-101							
Driller: MaineDOT		Elevation (ft.): 246.3		Auger ID/OD: 5" Solid Stem							
Operator: Doggett/NTiles		Datum: NAVD88		Sampler: Standard Split Spoon							
Logged By: B. Wilder		Rig Type: CME 45C		Hammer Wt./Fall: 140#/30"							
Date Start/Finish: 5/3/2019 07:00-12:00		Drilling Method: Cased Wash Boring		Core Barrel: N/A							
Boring Location: 13+03.3, 5-9 Ft Lt.		Casing ID/OD: NW-3"		Water Level*: 15.0 Ft bgs.							
Hammer Efficiency Factor: 0.928 Hammer Type: Automatic <input checked="" type="checkbox"/> Hydraulic <input type="checkbox"/> Rope & Cathead <input type="checkbox"/> Penetration: a = Rock Core Sample SA = Solid Stem Auger Su (q) = Lab Vane Undrained Shear Strength (psf) Fc = Pocket Torque Shear Strength (psf) B = Split Spoon Sample SSA = Solid Stem Auger Su (q) = Lab Vane Undrained Shear Strength (psf) WC = Water Content, percent MB = Unsuccessful Split Spoon Sample Attempt SSA = Solid Stem Auger Su (q) = Lab Vane Undrained Shear Strength (psf) LL = Liquid Limit U = Thin Wall Tube Sample RC = Roller Cone Unconsolidated = Raw Field SPT N-value PL = Plastic Limit MU = Unsuccessful Thin Wall Tube Sample Attempt WH = Weight of 140lb. Hammer Hammer Efficiency Factor = Rig Specific Annual Calibration Value PI = Plasticity Index V = Field Vane Shear Test SP = Pocket Penetrometer WPC = Weight of Blow or Cast No. = SPT blow corrected for hammer efficiency G = Grain Size Analysis WU = Unsuccessful Field Vane Shear Test Attempt WOP = Weight of Blow or Cast No. = Hammer Efficiency Factor/625 = Unconsolidated C = Consolidation Test											
Depth (ft.)	Sample No.	Pen./Rec. (ft.)	Sample Depth (ft.)	Shade (1/8 in. Strength) or RBD (1)	Noncorrected	NO	Casing Blows	Elevation (ft.)	Graphic Log	Visual Description and Remarks	Laboratory Testing Results/ASHTO Unified Class
0								246.0		4" HMA In Shoulder.	
1	S1	24/24	1.00 - 3.00							Brown, damp, fine to coarse SAND, some gravel, little silt. (F1111).	GW337148 A-1-0, SM WC=4.1%
5	10	24/16	5.00 - 7.00	4/5/9/12	14	22				Olive-brown, moist, very stiff, SILT, little clay, trace fine to medium sand, (F1111).	GW337149 A-4, CL WC=17.1%
10	20	24/18	10.00 - 12.00	3/4/6/23	10	15				Olive, wet, stiff, SILT, some clay, little fine to coarse sand, trace gravel.	GW337150 A-4, CL WC=18.5%
								232.8		Boulder from 12.3-13.3 ft bgs.	
15	30	24/10	15.00 - 17.00	5/8/28/50	36	56				Brown, wet, very dense, fine to coarse SANDY GRAVEL, trace silt, (I1111).	GW337151 A-1-0, GP-0M WC=3.2%
								224.8		Boulder from 20.3-21.4 ft bgs.	
20	40	6/4	21.50 - 22.00	53(6")			OPEN			Grey, wet, very dense, fine to coarse SAND, some gravel, some silt, (I1111).	GW337152 A-2-4, SM WC=8.0%
25	50	12/12	25.00 - 26.00	41/53(12")						Brown, wet, very dense, Silty fine to coarse SAND, trace gravel, (I1111).	GW337153 A-4, SM WC=14.3%
30	60	24/20	30.00 - 32.00	15/46/48/98	94	145				Brown, wet, very dense, Silty fine to coarse SAND, trace gravel, (I1111).	GW337154 A-4, SM WC=12.6%
								214.3		Bottom of Exploration at 32.0 feet below ground surface, NO REFUSAL	
Remarks: Stratification lines represent approximate boundaries between soil types; transitions may be gradual. * Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.											

Maine Department of Transportation Soil/Book Exploration Log US CUSTOMARY UNITS		Project: Route 1A Large Culvert Replacement Location: Stockton Springs, Maine		Boring No.: HB-ST0-102							
Drilling Contractor: MaineDOT		Elevation (ft.): 246.2		Auger ID/OD: 5" Dia.							
Operator: Doggett/NTiles		Datum: NAVD88		Sampler: N/A							
Logged By: B. Wilder		Rig Type: CME 45C		Hammer Wt./Fall: N/A							
Date Start/Finish: 5/3/2019 07:00-12:00		Drilling Method: Solid Stem Auger		Core Barrel: N/A							
Boring Location: 12+43.6, 14.2 Ft Rt.		Casing ID/OD: N/A		Water Level*: None Observed							
Penetration: a = Rock Core Sample SA = Solid Stem Auger Su (q) = Lab Vane Undrained Shear Strength (psf) Fc = Pocket Torque Shear Strength (psf) B = Split Spoon Sample SSA = Solid Stem Auger Su (q) = Lab Vane Undrained Shear Strength (psf) WC = Water Content, percent MB = Unsuccessful Split Spoon Sample Attempt SSA = Solid Stem Auger Su (q) = Lab Vane Undrained Shear Strength (psf) LL = Liquid Limit U = Thin Wall Tube Sample RC = Roller Cone Unconsolidated = Raw Field SPT N-value PL = Plastic Limit MU = Unsuccessful Thin Wall Tube Sample Attempt WH = Weight of 140lb. Hammer Hammer Efficiency Factor = Rig Specific Annual Calibration Value PI = Plasticity Index V = Field Vane Shear Test SP = Pocket Penetrometer WPC = Weight of Blow or Cast No. = SPT blow corrected for hammer efficiency G = Grain Size Analysis WU = Unsuccessful Field Vane Shear Test Attempt WOP = Weight of Blow or Cast No. = Hammer Efficiency Factor/625 = Unconsolidated C = Consolidation Test											
Depth (ft.)	Sample No.	Pen./Rec. (ft.)	Sample Depth (ft.)	Shade (1/8 in. Strength) or RBD (1)	Noncorrected	NO	Casing Blows	Elevation (ft.)	Graphic Log	Visual Description and Remarks	Laboratory Testing Results/ASHTO Unified Class
0										Probe, no material descriptions given.	
5											
10											
15											
20											
25											
30											
								16.20		Bottom of Exploration at 30.0 feet below ground surface, NO REFUSAL	
Remarks: Stratification lines represent approximate boundaries between soil types; transitions may be gradual. * Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.											

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

024285.00
WIN
24285.00
HIGHWAY PLANS

Cody A. Russell
SIGNATURE
15866
P.E. NUMBER
11/10/2020
DATE

STOCKTON SPRINGS
ROUTE 1A
BORING LOGS

SHEET NUMBER
7
OF 18