

1

O DIV NO | STATI
 DIV NO.
 STATE
 PROJ. NO.
 NO.
 SHEETS

 1
 MAINE
 F-106 (9)
 2
 33
 E) 6 Rails @ 7'-03" <u>| Rail @ 7'-05</u>" and 6 Posts @ 1'-0" = 55-58 ● <--- Core #5 TO AUBURN 56'-0" Clear Span 376 Construction Roodway E-Core #6 ----> This Portion of Existing Abut. No.2 to be removed to stream bed. If ledge is encountered it shall be removed to Elev. 86.0 GUUG 5 Rails @ 7-48 8-54 157-62 4'-9' 2 Rails @ 7'-42" and 6 Posts @ 1-0' Jana NOTE:-Wiring caple may be attached to side of frame with galvanized clips of approved design, one clip between sidewalk brackets. All condults embedded in concrete shall be pitched toward one or both ends to provide for drainage. Junction boxes to be cast iron with bolted on cover. Junction boxes, galvanized clips and wiring cable will not be required under this contract. + 0.75% -> Extreme High Water 1936-Elev. 99.8 SPAN NO.3 STATISTICS TO STATISTICS TRACE P.S. CHECK C.L.P. BRIDGE 2540 STATE HIGHWAY COMMISSION BRIDGE DIVISION MECHANIC FALLS BRIDGE OVER LITTLE ANDROSCOGGIN RIVER DESIGN IN THE TOWN OF Loading H 15 Specifications AASHO 1941 MECHANIC FALLS ANDROSCOGGIN COUNTY = 1,000 = 18,000 fs GENERAL AND . 10 n _ __ LIGHTING PLAN SHEET 2 OF 33 AUGUSTA, ME. MAY 1943 6/27/49 "Revise, U.S. Ret. Hell Abut."2 . P. T. 49-67 and the second second and a second والتريد وتجاويه فيقر والخشوات



12 Desert Rd, Freeport	MaineDOT TESTING LABOF	RATORIES	219 Hogan	Rd, Bangor
· 鲁.	BRIDGE CORE TEST	REPORT		
🕑 MaineDOT	Central Laborate			
		Ul y		
	SAMPLE INFORM	ATION		
Reference No. Core No.	Sample Description		Sampled	Received
383776 1	BRIDGE CORE		10/10/2023	10/10/2023
Sample Type: OTHER	Sampler: LAMONT DUTRA	Sample Lo	cation: ROADV	VAY
WIN/Town 027078.00 - MECHANI	IC FALLS Bridge No.: 2540	Station: 0+	18 Offse	et, ft: 10, RT
The second second second second	TEST RESUL [®]	TS		the state of the
Col	mpressive Strength (T 22)		Chloride Co	ntent (T 260)
	Location, inch Strength, psi		Location,	Chloride Level,
Specimen 1	1.00-5.00 6960.00		inch	lb/yd³
Specimen 2 Specimen 3		-	0.50-1.00	5.77 3.82
opecimen 5		L	5.00-5.50	3.02
Ref. No.		nt		
<u>Comments:</u> Final report. Core#: 1, Bridge#:2	2540 Mechanic Falls	•		

AUTHORIZATION AND

Reported by: ROBERT HARADON

Paper Copy: Structure File

Electronic: Customer —

Date Reported: 1/9/2024

2

WIN/Town 027078.00 - MECHANIC FALLS

MaineDOT TESTING LABORATORIES

BRIDGE CORE TEST REPORT Central Laboratory

SAMPLE INFORMATION

Reference No. Core No.

383777

MaineDOT

Sample Description BRIDGE CORE

Sampled 10/10/2023

Received 10/10/2023

Sample Type: OTHER

Sampler: LAMONT DUTRA LS Bridge No.: 2540 Sample Location: ROADWAY

Station: 0+34 Offset, ft: 3, RT

TEST RESULTS

Compressive Strength (T 22)				
	Location, inch	Strength, ps		
Specimen 1	1.75-5.75	6450.00		
Specimen 2				
Specimen 3				

Chloride C	ontent (T 260)
Location, inch	Chloride Level lb/yd ³
0.25-0.75	10.54
1.25-1.75	8.09
5.75-6.25	5.31



Comments:

Final report. Core#: 2, Bridge#:2540 Mechanic Falls

AUTHORIZATION AND

Reported by: ROBERT HARADON

Paper Copy: Structure File Electronic: Customer ---

Date Reported: 1/9/2024

12 Desert Rd, Freepo	BRIDGE	T TESTING LABORA	REPORT	Hogan	Rd, Bango
	SAMPL	EINFORMA	TION		
Reference No. Core No.		Sample Description		Sampled	Received
383778 3		BRIDGE CORE		10/10/2023	10/10/2023
Sample Type: OTHER	Sampler: L	AMONT DUTRA	Sample Locatio	n: ROADV	/AY
WIN/Town 027078.00 - MECH	ANIC FALLS	Bridge No.: 2540	Station: 0+96	Offse	t, ft: 10, RT
AL ANY A PROPERTY OF	ΤE	ST RESULT	S		
	Compressive Streng	gth (T 22)	CI	nloride Co	ntent (T 260)
	Location, inch	Strength, psi	Lo	ocation,	Chloride Leve
Specimen 1	0.75-3.75	6870.00	0	inch 25-0.75	lb/yd ³ 8.97
Specimen 2 Specimen 3				25-4.75	0.79
			6.	00-6.50	0.83
		A 0 + 96 10' Right			
<u>Comments:</u> Final report. Core#: 3, Bridg	e#:2540 Mechanic F	alls			

AUTHORIZATION AND

Reported by: ROBERT HARADON

Paper Copy: Structure File Electronic: Customer —

Date Reported: 1/9/2024

12 Desert Rd, Freej	port MaineDOT T	ESTING LABORA	TORIES 219	Hogan	Rd, Bangor
· ê	BRIDGE C	ORE TEST R	EPORT		
🎂 MaineDOT	Cent	tral Laborato	ry		
	SAMPLE	INFORMA		Survivou internation	the state of the state
				Compled	Received
Reference No. Core N	0.	Sample Description		Sampled 10/10/2023	Received 10/10/2023
383779 4	Samplar: LAM	BRIDGE CORE	Sample Location		
Sample Type: OTHER	Sampler: LAM		1		et, ft: 10, LT
WIN/Town 027078.00 - ME		ridge No.: 2540	Station: 0+06	Olise	a, n. 10, L1
	TES	T RESULT	5		
	Compressive Strength	(T 22)	Ch	loride Co	ntent (T 260)
	Location, inch	Strength, psi		inch	Chloride Level, lb/yd ³
Specimen 1 Specimen 2		7780.00	10 million (1997)	25-4.25	0.88
Specimen 3			-		
	Mechanics Falls - B	ridge #2540			
	No. 383779 Core #4				
Ret.	. No. 383/79 Core #4	STAUFUU IU Leit			
			anddana		
		The Lat			
	00000	· • • • • • •			
	383779	ALAN AL			
	0.25-3.25		and the second		
	0.69 9.20				
and any period of the second					
		2 2 M 2 20			
HT-17 A MARK					

Comments:

Final report. Core#: 4, Bridge#:2540 Mechanic Falls

AUTHORIZATION AND

Reported by: ROBERT HARADON

Paper Copy: Structure File Electronic: Customer —

Date Reported: 1/9/2024

MaineDOT TESTING LABORATORIES

219 Hogan Rd, Bangor

BRIDGE CORE TEST REPORT Central Laboratory

🖄 MaineDOT

SAMPLE INFORMATION

Reference No. Core No.

5

WIN/Town 027078.00 - MECHANIC FALLS

Sample Description BRIDGE CORE

Sampled 10/10/2023

Location,

inch 7.25-7.75 Received 10/10/2023

Chloride Level,

lb/yd³

0.91

Sample Type: OTHER

383780

Sampler: LAMONT DUTRA LS Bridge No.: 2540 Sample Location: ROADWAY

Station: 1-54

Offset, ft: 10, LT

Chloride Content (T 260)

TEST RESULTS

Compressive Strength (T 22)			
	Location, inch	Strength, psi	
Specimen 1	0.25-3.75	8300.00	
Specimen 2	3.75-7.25	5960.00	
Specimen 3			

	Mechanics	Falls - Bridge #254	40		
	Ref. No. 383780	Core #5 STA 1 + 44	10' Left		
2 -				X	
1 3	83760 -	3837	80	1:0	
0.	83760 · · · · · · · · · · · · · · · · · · ·	375-			
		1 - M		· ·	
Sand and a set		alle a	T. W. San	No. 10	

Comments:

Final report. Core#: 5, Bridge#:2540 Mechanic Falls

AUTHORIZATION AND

Reported by: ROBERT HARADON

Paper Copy: Structure File Electronic: Customer ---

DISTRIBUTION Date Reported: 1/9/2024

12 Desert Rd, Fre	eport Mainel	OOT TESTING LABORA	TORIES 2	19 Hogan	Rd, Bangor
立	BRIDO	GE CORE TEST R	REPORT		
🕲 MaineDOT		Central Laborato			
			• 9		
	SAMF	PLE INFORMA	TION		
Reference No. Core	No.	Sample Description		Sampled	Received
383781 6		BRIDGE CORE		10/10/2023	3 10/10/2023
Sample Type: OTHER	Sample	er: LAMONT DUTRA	Sample Loca	ation: ROAD	VAY
WIN/Town 027078.00 - M	ECHANIC FALLS	Bridge No.: 2540	Station: 1-54	4 Offs	et, ft: 3, LT
		EST RESULT	S		
	Compressive S				ontent (T 260)
Orensieren	Location, ir	nch Strength, psi		Location, inch	Chloride Level, lb/yd ³
Specimen				0.25-0.75	11.08
Specimen				1.50-2.00	18.21
				2.75-3.25	8.48
			-	4.00-4.50	6.54
				5.50-6.00	3.09
~	Mechanics Falls	- Bridge #2540	1	6.00-6.50	2.96
P		#6 STA 1 + 54 3' Left			
T	et. NO. 565761 COTE	#0 31A 1 + 54 3 Lett			
CONTRACT OF THE OWNER					
Annahadanlanlanlanlanlan			uluito Janulan		
1 9 2		2 141 2			
1.71 161	121	1 121 141	in the second		
And a little	Entre Cart	3.	River C		
			1000		
		26 C	· · · · · · · · · · · · · · · · · · ·		
	I Stand	for the second	1 Brown		
		C. A. M. C. M.			
			and the second second		
			A T		
Commonto				A Charles of	
Comments: Final report Core#: 6 F	Bridge#:2540 Mecha	nic Falls. No compressive test	performed due to	a crack run	ning the length
of the core.	Strager.2040 Meetial		portornioù due le	a oraon runn	
1					

AUTHORIZATION AND DISTRIBUTION

Reported by: ROBERT HARADON

Paper Copy: Structure File Electronic: Customer ---

Date Reported: 1/9/2024