MaineDOT CENTRAL LAB, 219 Hogan Road, Bangor, Maine 04401

BRIDGE DECK CORING FIELD LOG

Town: Gardiner-Randolph PIN/Project No.: 025301.00

Bridge Name: Pearl Harbor Remembrance Bridge No.: 2304 Bridge Length: 1013 FT

Coring Personnel: Lamont and Jessica Date Cored: 02-22-2023

Core No.	✓ if lab sample	Reference No.	Station	Offset	Pavement Depth	Concrete Depth	Rebar?	Corrosion?	Membrane?	Bonded?	Comments
1	☐	367979	2 + 69	12 R	1 ¾"	4 ½"	☐Y ☐N	☐Y ☐N	☐Y ☐N	☐Y ☐N	Another 2.5" of concrete thickness.
2	☐	367980	6 + 12	4 R	1 ½"	5 ½"	☐Y ☐N	☐Y ☐N	☐Y ☐N	☐Y ☐N	
3	☐	367981	9 + 40	15 R	1 ½"	4 ½"	☐Y ☐N	☐Y ☐N	☐Y ☐N	☐Y ☐N	
4	☐	367982	0 + 21	28 L	2"	3 ½"	☐Y ☐N	☐Y ☐N	☐Y ☐N	☐Y ☐N	Eight feet from curb.
5	☐	367983	1 + 06	32 L	1 ¾"	5 ¼"	☐Y ☐N	☐Y ☐N	☐Y ☐N	☐Y ☐N	Five feet from curb.
6	☐	367984	4 + 50	5 L	1 ¾"	4 ½"	☐Y ☐N	☐Y ☐N	☐Y ☐N	☐Y ☐N	
7	☐						☐Y ☐N	☐Y ☐N	☐Y ☐N	☐Y ☐N	
8	☐						☐Y ☐N	☐Y ☐N	☐Y ☐N	☐Y ☐N	
9	☐						☐Y ☐N	☐Y ☐N	☐Y ☐N	☐Y ☐N	

Direction of coring is from Gardiner to Randolph.

Revised 6/13/2018

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BRIDGE CORE TEST REPORT
Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
367979	1	BRIDGE CORE	2/22/2023	2/22/2023

Sample Type: **OTHER** Sampler: **LAMONT DUTRA** Sample Location: **ROADWAY**

WIN/Town **025301.00 - GARDINER, RANDOLPH** Bridge No.: **2304** Station: **2 + 69.0** Offset, ft: **12, RT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	**2.25" - 5.5"**	**8590.00**
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd³
1.75-2.25	**2.74**
5.50-6.00	**0.82**

Comments:

Final report. Core #1, Gardiner/Randolph - Bridge #2304
Offset is from center of median.
Direction of core is from Gardiner to Randolph.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON** Date Reported: **3/6/2023**

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BRIDGE CORE TEST REPORT
Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
367980	2	BRIDGE CORE	2/22/2023	2/22/2023

Sample Type: **OTHER** Sampler: **LAMONT DUTRA** Sample Location: **ROADWAY**

WIN/Town **025301.00 - GARDINER, RANDOLPH** Bridge No.: **2304** Station: **6 + 12** Offset, ft: **4, RT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	**3.25" - 7.0"**	**7880.00**
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd³
2.00-2.50	**1.76**
2.75-3.25	**0.68**

Comments:

Core #2, Gardiner/Randolph - Bridge #2304
Offset is from center of median.
Direction of core is from Gardiner to Randolp.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON** Date Reported: **3/6/2023**

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BRIDGE CORE TEST REPORT
Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
367981	3	BRIDGE CORE	2/22/2023	2/22/2023

Sample Type: **OTHER** Sampler: **LAMONT DUTRA** Sample Location: **ROADWAY**

WIN/Town **025301.00 - GARDINER, RANDOLPH** Bridge No.: **2304** Station: **9 + 40** Offset, ft: **15, RT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	**2.25" - 5.5"**	**8660.00**
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd³
1.75-2.25	**3.71**
5.50-6.00	**1.24**

Comments:

Final report. Core #3, Gardiner/Randolph - Bridge #2304
Offset is from center of median.
Direction of core is from Gardiner to Randolph.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON** Date Reported: **3/6/2023**

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BRIDGE CORE TEST REPORT
Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
367982	4	BRIDGE CORE	2/22/2023	2/22/2023

Sample Type: **OTHER** Sampler: **LAMONT DUTRA** Sample Location: **ROADWAY**

WIN/Town **025301.00 - GARDINER, RANDOLPH** Bridge No.: **2304** Station: **0 + 21** Offset, ft: **28, LT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1		
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd³
2.00-2.50	**1.51**
3.00-3.50	**0.82**
4.00-4.50	**0.79**
5.00-5.50	**0.86**

Comments:

Final report. Core #4, Gardiner/Randolph - Bridge #2304
Offset is from center of median. Compressive stength testing not conducted on this sample.
Direction of core is from Gardiner to Randolph.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON** Date Reported: **3/6/2023**

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BRIDGE CORE TEST REPORT
Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
367983	5	BRIDGE CORE	2/22/2023	2/22/2023

Sample Type: **OTHER** Sampler: **LAMONT DUTRA** Sample Location: **ROADWAY**

WIN/Town **025301.00 - GARDINER, RANDOLPH** Bridge No.: **2304** Station: **1 + 06** Offset, ft: **32, LT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	**3.25" - 6.75"**	**8330.00**
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd³
1.75-2.25	**1.79**
2.75-3.25	**0.75**

Comments:

Final report. Core #5, Gardiner/Randolph - Bridge #2304
Offset is from center of median.
Direction of core is from Gardiner to Randolph.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON** Date Reported: **3/6/2023**

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BRIDGE CORE TEST REPORT
Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
367984	6	BRIDGE CORE	2/22/2023	2/22/2023

Sample Type: **OTHER** Sampler: **LAMONT DUTRA** Sample Location: **ROADWAY**

WIN/Town **025301.00 - GARDINER, RANDOLPH** Bridge No.: **2304** Station: **4 + 50** Offset, ft: **5, LT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	**2.5" - 6.5"**	**7510.00**
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd³
2.00-2.50	**7.96**

Comments:

Final report.bCore #6, Gardiner/Randolph - Bridge #2304
Offset is from center of median.
Direction of core is from Gardiner to Randolph.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON** Date Reported: **3/6/2023**

Paper Copy: Structure File Electronic: Customer —