



BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
336008	1	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER		Sampler: LAMONT DUTRA	Sample Location:	
WIN/Town 023651.00 - BETHEL		Bridge No.: 2822	Station: 0 + 03.6 Offset, ft: 11.1, RT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	3.75-7.0	6710.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
3.25-3.75	4.18
7.0-7.5	1.55

Comments:

Final report. Core #1, bridge 2822, Bethel.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **11/4/2019**

Paper Copy: Structure File Electronic: Customer —

Bethel - Sunday River - Bridge #2822

Ref. No. 336008 Core #1 STA 0 - 03.6 11.1' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No. Core No. Sample Description Sampled Received
336009 **2** **BRIDGE CORE** **3/14/2019** **3/14/2019**

Sample Type: **OTHER** Sampler: **LAMONT DUTRA** Sample Location:
WIN/Town **023651.00 - BETHEL** Bridge No.: **2822** Station: **0 + 37** Offset, ft: **2.5, RT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	2.75-5.5	6050.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
2.25-2.75	4.87
5.50-6.00	3.42
6.50-7.00	2.44

Comments:

Final report.Core #2, bridge 2822, Bethel.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **11/4/2019**

Paper Copy: Structure File Electronic: Customer —

Bethel - Sunday River - Bridge #2822

Ref. No. 336009 Core #2 STA 0 + 37 2.5' Right



2.25-2.75

336009
2.75-3.5

5.5-6.0

6.5-7.0



BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
336010	3	<u>BRIDGE CORE</u>	3/14/2019	3/14/2019
Sample Type: OTHER		Sampler: LAMONT DUTRA	Sample Location:	
WIN/Town 023651.00 - BETHEL		Bridge No.: 2822	Station: 0 + 70.5 Offset, ft: 6, RT	

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/yd ³
2.75-3.25	2.31
3.75-4.25	1.37
5.00-5.50	0.47
7.00-8.00	0.44

Comments:

Final report. Core #3, bridge 2822, Bethel. No compressive strength testing on this sample because of crack running length wise through core.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**Date Reported: **11/4/2019**

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Bethel - Sunday River - Bridge #2822

Ref. No. 336010 Core #3 STA 0 + 70.5 6' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No. **336011** Core No. **4** Sample Description **BRIDGE CORE** Sampled **3/14/2019** Received **3/14/2019**

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

WIN/Town **023651.00 - BETHEL** Bridge No.: **2822** Station: **1 + 13** Offset, ft: **11.5, RT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	2.5-5.5	6900.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
6.00-7.00	0.42

Comments:

Final report. Core #4, bridge 2822, Bethel.

AUTHORIZATION AND DISTRIBUTION

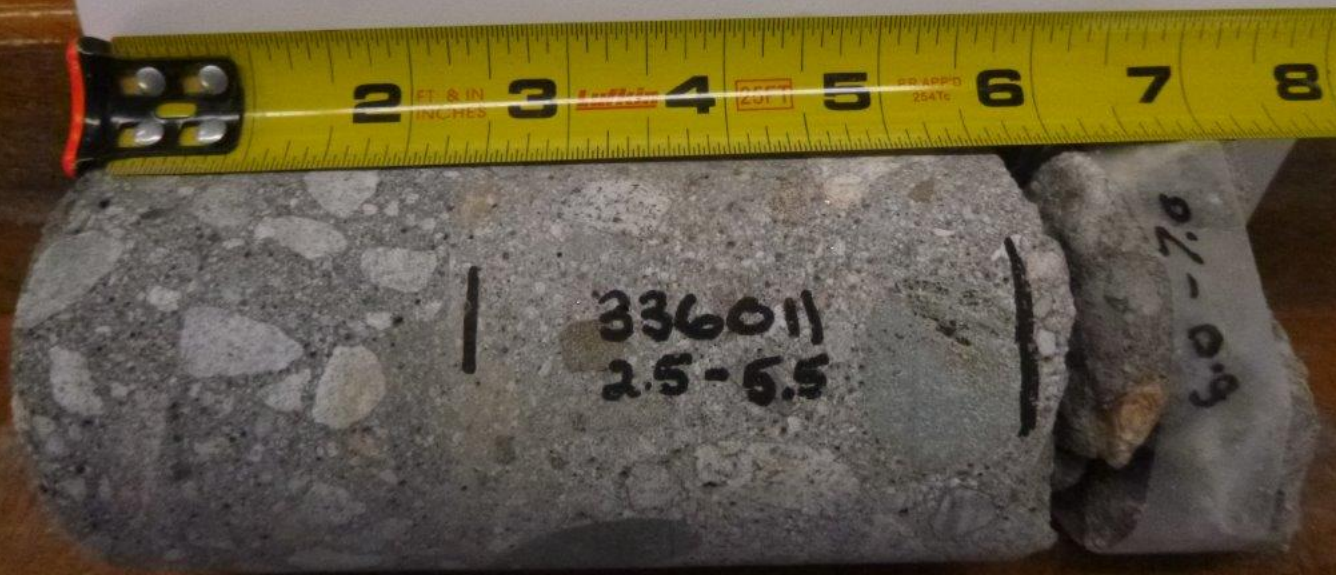
Reported by: **ROBERT HARADON**

Date Reported: **11/4/2019**

Paper Copy: *Structure File* Electronic: *Customer* —

Bethel - Sunday River - Bridge #2822

Ref. No. 336011 **Core #4** STA 1 + 13 11.5' Right



Bethel - Sunday River - Bridge #2822

Ref. No. 336011 Core #4 STA 1 + 13 11.5' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
336012	5	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER	Sampler: LAMONT DUTRA	Sample Location:		
WIN/Town 023651.00 - BETHEL	Bridge No.: 2822	Station: 1 + 31.6	Offset, ft: 8.6, RT	

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/yd ³
2.50-3.00	8.17
6.00-6.50	5.11

Comments:

Final report. Core #5, bridge 2822, Bethel. Core does not have a large enough section of deck concrete to perform a compressive strength test.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**Date Reported: **11/4/2019**

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Bethel - Sunday River - Bridge #2822

Ref. No. 336012 Core #5 STA 1 + 31.6 8.6' Right



25-30

40-45

60-65

Bethel - Sunday River - Bridge #2822
Ref. No. 336012 Core #5 STA 1 + 31.6 8.6' Right



Bethel - Sunday River - Bridge #2822

Ref. No. 336012 **Core #5** STA 1 + 31.6 8.6' Right



Bethel - Sunday River - Bridge #2822

Ref. No. 336012 Core #5 STA 1 + 31.6 8.6' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
336013	6	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER	Sampler: LAMONT DUTRA	Sample Location:		
WIN/Town 023651.00 - BETHEL	Bridge No.: 2822	Station: 1 + 64	Offset, ft: 3.5, RT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	4.0-7.0	5380.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
2.50-3.00	0.5
3.50-4.00	0.4

Comments:

Final report. Core #6, bridge 2822, Bethel.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **11/4/2019**

Paper Copy: *Structure File* Electronic: *Customer* —

Bethel - Sunday River - Bridge #2822

Ref. No. 336013 Core #6 STA 1 + 64 3.5' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No. **336014** Core No. **7** Sample Description **BRIDGE CORE** Sampled **3/14/2019** Received **3/14/2019**

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

WIN/Town **023651.00 - BETHEL** Bridge No.: **2822** Station: **0 + 10** Offset, ft: **12.5, 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/yd ³
3.00-3.50	1.35
4.00-4.50	0.82

Comments:

Final report. Core #7, bridge 2822, Bethel.

AUTHORIZATION AND DISTRIBUTION

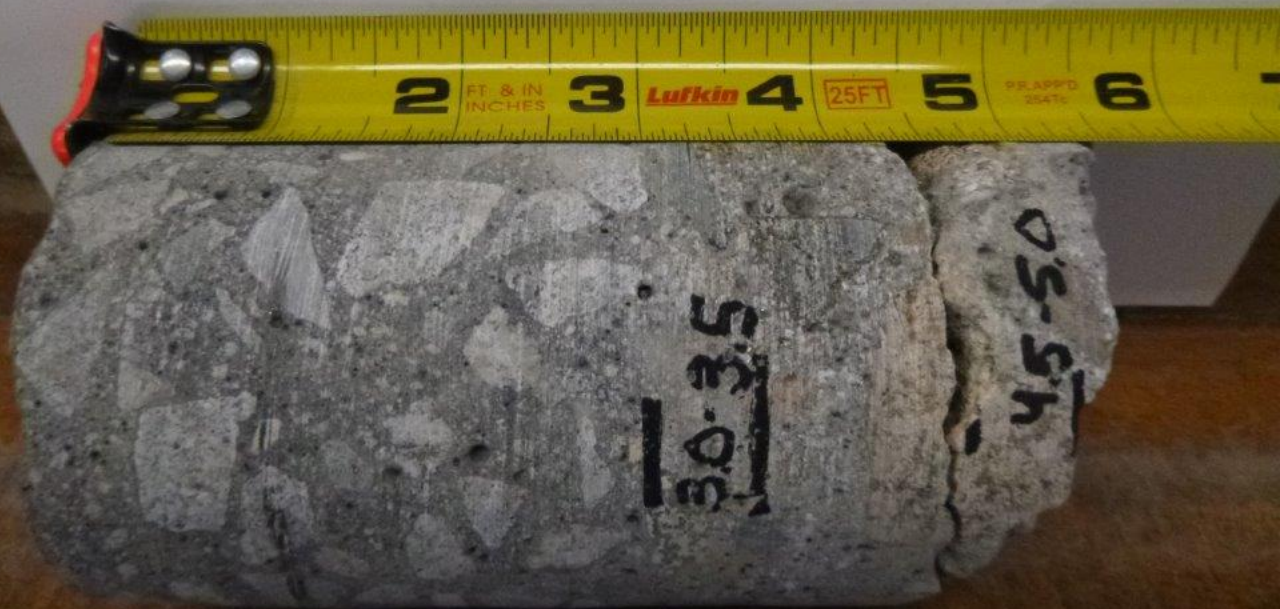
Reported by: **ROBERT HARADON**

Date Reported: **11/4/2019**

Paper Copy: *Structure File* Electronic: *Customer* —

Bethel - Sunday River - Bridge #2822

Ref. No. 336014 **Core #7** STA 0 + 10 12.5' Left





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
336015	8	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER	Sampler: LAMONT DUTRA	Sample Location:		
WIN/Town 023651.00 - BETHEL	Bridge No.: 2822	Station: 0 + 11	Offset, ft: 12.5, LT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	4.0-7.25	6220.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
3.50-4.00	1.73
7.25-7.75	0.39

Comments:

Final report. Core #8, bridge 2822, Bethel.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **11/4/2019**

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Bethel - Sunday River - Bridge #2822

Ref. No. 336015 Core #8 STA 0 + 11 12.5' Left

2

FT & IN
INCHES

3

Lufkin

4

25FT

5

PRAPPO
35476

6

7

8

9

3.5-4.0

336015
40-725

7.25-7.75



BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
336016	9	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER	Sampler: LAMONT DUTRA		Sample Location:	
WIN/Town 023651.00 - BETHEL	Bridge No.: 2822		Station: 0 + 43.7 Offset, ft: 7.4, LT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	3.75-7.0	5590.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
2.25-2.75	2.13
3.25-3.75	1.59
7.00-7.50	0.48

Comments:

Final report. Core #9, bridge 2822, Bethel.

AUTHORIZATION AND DISTRIBUTION

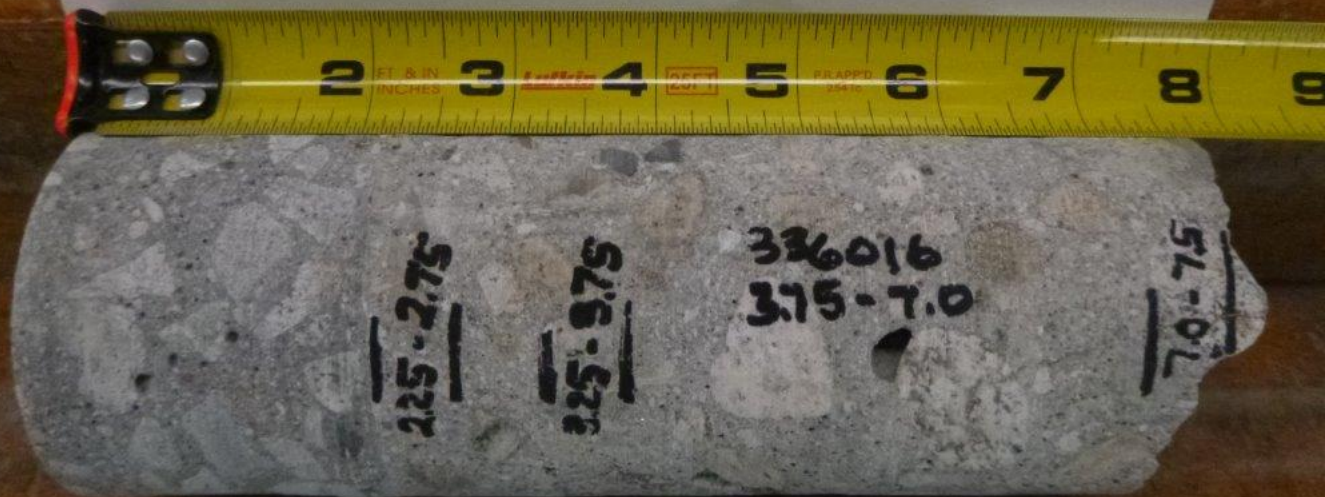
Reported by: **ROBERT HARADON**

Date Reported: **11/4/2019**

Paper Copy: Structure File Electronic: Customer —

Bethel - Sunday River - Bridge #2822

Ref. No. 336016 Core #9 STA 0 + 43.7 7.4' Left





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.

Core No.

Sample Description

Sampled

Received

336017

10

BRIDGE CORE

3/14/2019

3/14/2019

Sample Type: **OTHER**

Sampler: **LAMONT DUTRA**

Sample Location:

WIN/Town 023651.00 - BETHEL

Bridge No.: **2822**

Station: 0 + 75

Offset, ft: 2.6, LT

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	4.75-7.5	5250.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
3.25-4.00	10.09

Comments:

Final report. Core #10, bridge 2822, Bethel.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: 11/4/2019

Bethel - Sunday River - Bridge #2822

Ref. No. 336017 Core #10 STA 0 + 75 2.6' Left



325-40

336017
4.75 - 7.5



BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.

Core No.

Sample Description

Sampled

Received

336018**11****BRIDGE CORE****3/14/2019****3/14/2019**Sample Type: **OTHER**Sampler: **LAMONT DUTRA**

Sample Location:

WIN/Town **023651.00 - BETHEL**Bridge No.: **2822**Station: **1 + 04.4**Offset, ft: **12.8, LT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	4.0-7.0	6500.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
2.75-3.25	1.05
3.50-4.00	0.8
7.00-7.50	0.4

Comments:**Final report. Core #11, bridge 2822, Bethel.**

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**Date Reported: **11/4/2019**

Bethel - Sunday River - Bridge #2822

Ref. No. 336018 Core #11 STA 1 + 04.4 12.8' Left





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
336019	12	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER		Sampler: LAMONT DUTRA	Sample Location:	
WIN/Town 023651.00 - BETHEL		Bridge No.: 2822	Station: 1 + 30.1 Offset, ft: 4.4, LT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	3.0-6.75	5210.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
2.50-3.00	0.52
6.75-7.25	0.36

Comments:**Final report. Core #12, bridge 2822, Bethel.**

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**Date Reported: **11/4/2019**Paper Copy: *Structure File* Electronic: *Customer —*

Bethel - Sunday River - Bridge #2822

Ref. No. 336019 Core #12 STA 1 + 30.1 4.4' Left





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
336020	13	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER		Sampler: LAMONT DUTRA	Sample Location:	
WIN/Town 023651.00 - BETHEL		Bridge No.: 2822	Station: 1 + 71.1 Offset, ft: 11, 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/yd ³
3.00-3.50	8.64
4.50-5.00	8.19
7.50-8.00	4.99

Comments:**Final report. Core #13, bridge 2822, Bethel.**

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**Date Reported: **11/4/2019**

Paper Copy: Structure File Electronic: Customer —

Bethel - Sunday River - Bridge #2822

Ref. No. 336020 Core #13 STA 1 + 71.1 11' Left

