



BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342045	1	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER		Sampler: LAMONT DUTRA	Sample Location:	
WIN/Town 023525.00 - NEWRY		Bridge No.: 2055	Station: 0 + 08 Offset, ft: 2, RT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	4.5" - 8.25"	5290.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
1.00-1.50	22.97
4.00-4.50	7.35
8.25-8.75	0.5

Comments:

Final report. Core #1, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

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

Newry - Bear River - Bridge #2055

Ref. No. 342045 Core #1 STA 0 - 08 2' Right



10-1.5

40-4.5

342045
4.5 - 8.25

8.25-8.75



BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342046	2	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER	Sampler: LAMONT DUTRA		Sample Location:	
WIN/Town 023525.00 - NEWRY	Bridge No.: 2055		Station: 0 + 06	Offset, ft: 11, RT

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	2.0" - 5.25"	6220.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
0.50-1.00	15.02
1.50-2.00	11.63
5.75-6.50	2.58

Comments:

Final report. Core #2, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

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Newry - Bear River - Bridge #2055

Ref. No. 342046 Core #2 STA 0 + 06 11' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342047	3	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER		Sampler: LAMONT DUTRA	Sample Location:	
WIN/Town 023525.00 - NEWRY		Bridge No.: 2055	Station: 0 + 31 Offset, ft: 6.8, RT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	2.5" - 6.5"	6920.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
2.00-2.50	8.5
7.50-8.00	0.94

Comments:

Final report. Core #3, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

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

Newry - Bear River - Bridge #2055
Ref. No. 342047 Core #3 STA 0 + 31 6.8' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342048	4	BRIDGE CORE	3/14/2019	3/14/2019
Sample Type: OTHER		Sampler: LAMONT DUTRA	Sample Location:	
WIN/Town 023525.00 - NEWRY		Bridge No.: 2055	Station: 0 + 48 Offset, ft: 2.6, 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
1.50-2.00	9.66
3.50-4.00	7.33



Comments:

Final report. Core #4, bridge 2055, Newry. Concrete did not have a large enough intact piece to perform a compressive strength test.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

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Newry - Bear River - Bridge #2055

Ref. No. 342048 **Core #4** STA 0 + 48 2.6' Right



Newry - Bear River - Bridge #2055

Ref. No. 342048 **Core #4** STA 0 + 48 2.6' Right



Newry - Bear River - Bridge #2055

Ref. No. 342048 **Core #4** STA 0 + 48 2.6' Right



BRIDGE CORE TEST REPORT

Central Laboratory

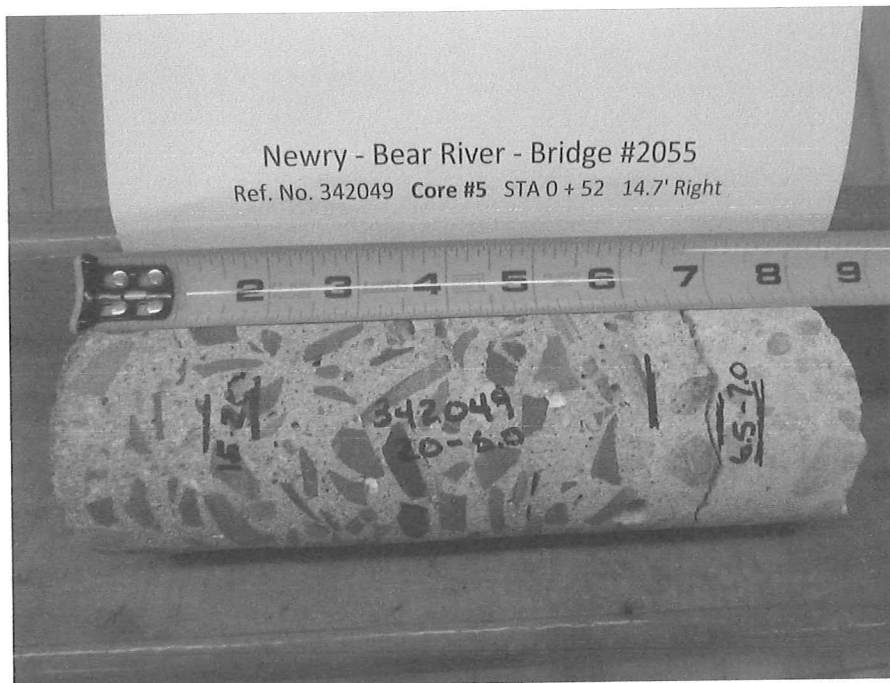
SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342049	5	BRIDGE CORE	4/25/2019	4/25/2019
Sample Type: OTHER		Sampler: LAMONT DUTRA	Sample Location:	
WIN/Town 023525.00 - NEWRY		Bridge No.: 2055	Station: 0 + 52 Offset, ft: 14.7, RT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	2.0" - 6.0"	6230.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
1.50-2.00	7.48
6.50-7.00	1.26



Comments:

Final report. Core #5, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

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Newry - Bear River - Bridge #2055

Ref. No. 342049 Core #5 STA 0 + 52 14.7' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342050	6	BRIDGE CORE	4/25/2019	4/25/2019
Sample Type: OTHER		Sampler: LAMONT DUTRA	Sample Location:	
WIN/Town 023525.00 - NEWRY		Bridge No.: 2055	Station: 0 + 61	Offset, ft: 15.5, RT

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	1.5" - 4.75"	6630.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
1.00-1.50	7.16
7.00-7.50	0.69
8.50-9.00	0.82
9.75-10.25	0.8



Comments:

Final report. Core #6, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

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Newry - Bear River - Bridge #2055
Ref. No. 34250 Core #6 STA 0 + 61 15.5' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342051	7	BRIDGE CORE	4/25/2019	4/25/2019
Sample Type: OTHER	Sampler: LAMONT DUTRA		Sample Location:	
WIN/Town 023525.00 - NEWRY	Bridge No.: 2055		Station: 0 + 66 Offset, ft: 5.5, RT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	1.0" - 4.75"	5250.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
0.50-1.00	16.3
6.10-6.50	4.46

Comments:

Final report. Core #7, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

Paper Copy: Structure File Electronic: Customer —

Newry - Bear River - Bridge #2055
Ref. No. 342051 Core #7 STA 0 + 66 5.5' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.

Core No.

Sample Description

Sampled

Received

342052

8

BRIDGE CORE

4/25/2019

4/25/2019

Sample Type: **OTHER**

Sampler: **LAMONT DUTRA**

Sample Location:

WIN/Town 023525.00 - NEWRY

Bridge No.: **2055**

Station: 0 + 77

Offset, ft: **12, RT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	2.25" - 5.75"	7280.00
Specimen 2	6.5" - 10.0"	8010.00
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
0.50-1.00	19.05
1.75-2.25	13.74

Comments:

Final report. Core #8, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: 11/4/2019

Newry - Bear River - Bridge #2055
Ref. No. 342052 **Core #8** STA 0 + 77 12' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342053	9	BRIDGE CORE	4/25/2019	4/25/2019
Sample Type: OTHER		Sampler: LAMONT DUTRA	Sample Location:	
WIN/Town 023525.00 - NEWRY		Bridge No.: 2055	Station: 0 + 90 Offset, ft: 7, RT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	1.0" - 4.75"	6210.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
0.50-1.00	20.16
5.00-5.50	5.14



Comments:

Final report. Core #9, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

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Newry - Bear River - Bridge #2055

Ref. No. 342053 Core #9 STA 0 + 90 7' Right





Offset, ft: 4, RT

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
6.00-6.75	2.3

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Newry - Bear River - Bridge #2055

Ref. No. 342054 **Core #10** STA 1 + 03 4' Right





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342055	11	BRIDGE CORE	4/25/2019	4/25/2019
Sample Type: OTHER	Sampler: LAMONT DUTRA	Sample Location:		
WIN/Town 023525.00 - NEWRY	Bridge No.: 2055	Station: 0 + 01	Offset, ft: 11.5, LT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	0" - 3.5"	6670.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
3.50-4.00	9.66
4.50-5.00	6.55
5.50-6.00	4.89

Comments:

Final report. Core #11, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

Paper Copy: Structure File Electronic: Customer —

Newry - Bear River - Bridge #2055

Ref. No. 342055 Core #11 STA 0 + 01 11.5' Left



Newry - Bear River - Bridge #2055

Ref. No. 342055 **Core #11** STA 0 + 01 11.5' Left





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342056	12	BRIDGE CORE	4/25/2019	4/25/2019
Sample Type: OTHER	Sampler: LAMONT DUTRA		Sample Location:	
WIN/Town 023525.00 - NEWRY	Bridge No.: 2055		Station: 0 + 32	Offset, ft: 2, 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
3.50-4.00	7.17
5.50-6.00	2.7
6.75-7.25	1.05

Comments:

Final report. Core #12, bridge 2055, Newry. The drilled core didn't contain a large enough piece of deck concrete to conduct a compressive strength test.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**Date Reported: **11/1/1974**

Newry - Bear River - Bridge #2055

Ref. No. 342056 Core #12 STA 0 + 32 2' Left



Newry - Bear River - Bridge #2055

Ref. No. 342056 **Core #12** STA 0 + 32 2' Left





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342057	13	BRIDGE CORE	4/25/2019	4/25/2019
Sample Type: OTHER	Sampler: LAMONT DUTRA	Sample Location:		
WIN/Town 023525.00 - NEWRY	Bridge No.: 2055	Station: 0 + 46	Offset, ft: 8, LT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	5.0" - 8.0"	6470.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
1.50-2.00	19.34
3.75-4.25	8.78

Comments:

Final report. Core #13, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

Paper Copy: Structure File Electronic: Customer —

Newry - Bear River - Bridge #2055
Ref. No. 342057 **Core #13** STA 0 + 46 8' Left





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.

Core No.

Sample Description

Sampled

Received

342058**14****BRIDGE CORE****4/25/2019****4/25/2019**Sample Type: **OTHER**Sampler: **LAMONT DUTRA**

Sample Location:

WIN/Town **023525.00 - NEWRY**Bridge No.: **2055**Station: **0 + 60**Offset, ft: **12.5, LT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	0.0" - 4.0"	6700.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
4.00-4.50	8.61
5.00-5.50	6.29
6.50-7.00	4.25

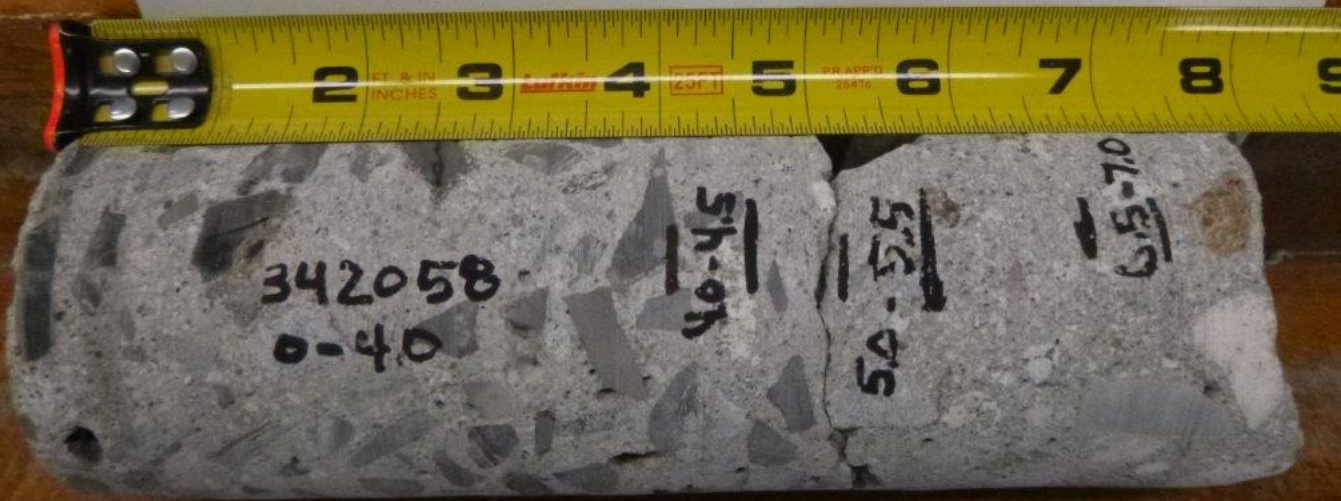
Comments:**Final report. Core #14, bridge 2055, Newry.**

AUTHORIZATION AND DISTRIBUTION

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

Newry - Bear River - Bridge #2055

Ref. No. 342058 Core #14 STA 0 + 60 12.5' Left





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.

Core No.

Sample Description

Sampled

Received

342059**15****BRIDGE CORE****4/25/2019****4/25/2019**Sample Type: **OTHER**Sampler: **LAMONT DUTRA**

Sample Location:

WIN/Town **023525.00 - NEWRY**Bridge No.: **2055**Station: **0 + 80**Offset, ft: **3, LT**

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	0.0" - 3.5"	6430.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
4.00-4.50	5.37
5.50-6.00	5

Comments:**Final report. Core #15, bridge 2055, Newry.**

AUTHORIZATION AND DISTRIBUTION

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

Paper Copy: Structure File Electronic: Customer —

Newry - Bear River - Bridge #2055

Ref. No. 342059 **Core #15** STA 0 + 80 3' Left





BRIDGE CORE TEST REPORT

Central Laboratory

SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
342060	16	BRIDGE CORE	4/25/2019	4/25/2019
Sample Type: OTHER	Sampler: LAMONT DUTRA	Sample Location:		
WIN/Town 023525.00 - NEWRY	Bridge No.: 2055	Station: 0 + 98	Offset, ft: 4, LT	

TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	0.0" - 3.0"	7390.00
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd ³
3.00-3.50	10.42
4.00-4.50	11.62
6.25-6.75	2.94

Comments:

Final report. Core #16, bridge 2055, Newry.

AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

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

Newry - Bear River - Bridge #2055

Ref. No. 342060 Core #16 STA 0 + 98 4' Left



Newry - Bear River - Bridge #2055
Ref. No. 342060 C 4' Left

