

## BRIDGE DECK CORING FIELD LOG

Town: Waterville PIN/Project No.: 023635.00Bridge Name: North Street Overpass Bridge No.: 5235 Bridge Length: 63'Coring Personnel: Lamont, Andrew Date Cored: 9-26-2018

Core No.	✓ if lab sample	Reference No.	Station	Offset	Pavement Depth	Concrete Depth	Rebar?	Corrosion?	Membrane?	Bonded?	Comments
1	<input type="checkbox"/>	296915	0 - 6.5	14.6 R	2 1/4"	6"	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Hit the tops of several shear pins.
2	<input type="checkbox"/>	296916	0 + 15	4.5 R	2 1/4"	6 1/2"	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
3	<input type="checkbox"/>	296917	0 + 37.8	8 R	1 1/2"	7"	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
4	<input type="checkbox"/>	296918	0 + 24	17 L	2 1/4"	6 1/2"	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	1 1/2" more of concrete deck.
5	<input type="checkbox"/>	296919	0 + 50	3.7 L	2"	6"	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Rebar #5 bar.
6	<input type="checkbox"/>	296920	0 + 68	12.2 L	2"	6 1/2"	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	Cored over crack in pavement. Somewhat sealed by crack sealer.
7	<input type="checkbox"/>						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
8	<input type="checkbox"/>						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
9	<input type="checkbox"/>						<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	

Stationing direction is from West to East.

Revised 3/29/2011



# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No. Core No. Sample Description Sampled Received  
**296915** **1** **BRIDGE CORE** **9/26/2018** **9/26/2018**

Sample Type: **OTHER** Sampler: **LAMONT DUTRA** Sample Location:  
WIN/Town **023635.00 - WATERVILLE** Bridge No.: **5235** Station: **0 - 6.5** Offset, ft: **14.6, RT**

### TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	<b>3.75" - 7.5"</b>	<b>5280.00</b>
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>2.25-2.75</b>	<b>1.94</b>
<b>3.25-3.75</b>	<b>0.45</b>
<b>7.5-8.0</b>	<b>0.28</b>

#### Comments:

**Final report. Core #1, bridge 5235.**

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/17/2019**

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



# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No. Core No. Sample Description Sampled Received  
**296916** **2** **BRIDGE CORE** **9/26/2018** **9/26/2018**

Sample Type: **OTHER** Sampler: **LAMONT DUTRA** Sample Location:  
WIN/Town **023635.00 - WATERVILLE** Bridge No.: **5235** Station: **0 + 15** Offset, ft: **4.5, RT**

### TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	<b>4.25" - 8.75"</b>	<b>4660.00</b>
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>2.25-2.75</b>	<b>0.54</b>
<b>3.75-4.25</b>	<b>0.24</b>

#### Comments:

**Final report. Core #2, bridge 5235.**

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/17/2019**

Paper Copy: Structure File Electronic: Customer —



# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No. **296917** Core No. **3** Sample Description **BRIDGE CORE** Sampled **9/26/2018** Received **9/26/2018**

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

WIN/Town **023635.00 - WATERVILLE** Bridge No.: **5235** Station: **0 + 37.8** Offset, ft: **8, RT**

### TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	<b>2.5" - 7.5"</b>	<b>4660.00</b>
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>2.0-2.5</b>	<b>0.35</b>
<b>7.5-8.0</b>	<b>0.23</b>

#### Comments:

**Final report. Core #3, bridge 5235.**

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/18/2019**

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



# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No. **296918** Core No.  Sample Description **BRIDGE CORE** Sampled **9/26/2018** Received **9/26/2018**

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

WIN/Town **023635.00 - WATERVILLE** Bridge No.: **5235** Station: **0 + 42** Offset, ft: **17, LT**

### TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	<b>4.25" - 8.0"</b>	<b>4920.00</b>
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>2.5-3.0</b>	<b>2.82</b>
<b>3.75-4.25</b>	<b>1.77</b>
<b>8.0-8.5</b>	<b>0.27</b>

#### Comments:

**Final report. Core #4, bridge 5235.**

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/18/2019**

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



# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No. Core No. Sample Description Sampled Received  
**296919** **5** **BRIDGE CORE** **9/26/2018** **9/26/2018**

Sample Type: **OTHER** Sampler: **LAMONT DUTRA** Sample Location:  
WIN/Town **023635.00 - WATERVILLE** Bridge No.: **5235** Station: **0 + 50** Offset, ft: **3.7, LT**

### TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	<b>3.0" - 7.0"</b>	<b>4980.00</b>
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>2.5-3.0</b>	<b>0.27</b>
<b>7.0-7.5</b>	<b>0.31</b>

#### Comments:

**Final report. Core #5, bridge 5235.**

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/18/2019**

Paper Copy: Structure File    Electronic: Customer —



# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No. **296920** Core No. **6** Sample Description **BRIDGE CORE** Sampled **9/26/2018** Received **9/26/2018**

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

WIN/Town **023635.00 - WATERVILLE** Bridge No.: **5235** Station: **0 + 68** Offset, ft: **12.2, LT**

### TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	<b>4.75" - 8.75"</b>	<b>4870.00</b>
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>2.25-2.75</b>	<b>0.29</b>
<b>3.25-3.75</b>	<b>0.22</b>
<b>4.25-4.75</b>	<b>0.29</b>

#### Comments:

**Final report. Core #6, bridge 5235.**

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/18/2019**

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