







# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
<b>383776</b>	<b>1</b>	<b>BRIDGE CORE</b>	10/10/2023	10/10/2023
Sample Type: <b>OTHER</b>	Sampler: <b>LAMONT DUTRA</b>	Sample Location: <b>ROADWAY</b>		
WIN/Town <b>027078.00 - MECHANIC FALLS</b>	Bridge No.: <b>2540</b>	Station: <b>0+18</b>	Offset, ft: <b>10, RT</b>	

### TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	<b>1.00-5.00</b>	<b>6960.00</b>
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>0.50-1.00</b>	<b>5.77</b>
<b>5.00-5.50</b>	<b>3.82</b>



#### Comments:

Final report. Core#: 1, Bridge#:2540 Mechanic Falls

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/9/2024**

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



# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No. **383777** Core No. **2** Sample Description **BRIDGE CORE** Sampled **10/10/2023** Received **10/10/2023**

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

WIN/Town **027078.00 - MECHANIC FALLS** Bridge No.: **2540** Station: **0+34** Offset, ft: **3, RT**

### TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	<b>1.75-5.75</b>	<b>6450.00</b>
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>0.25-0.75</b>	<b>10.54</b>
<b>1.25-1.75</b>	<b>8.09</b>
<b>5.75-6.25</b>	<b>5.31</b>



#### Comments:

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

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/9/2024**

Paper Copy: Structure File Electronic: Customer —





# BRIDGE CORE TEST REPORT

## Central Laboratory

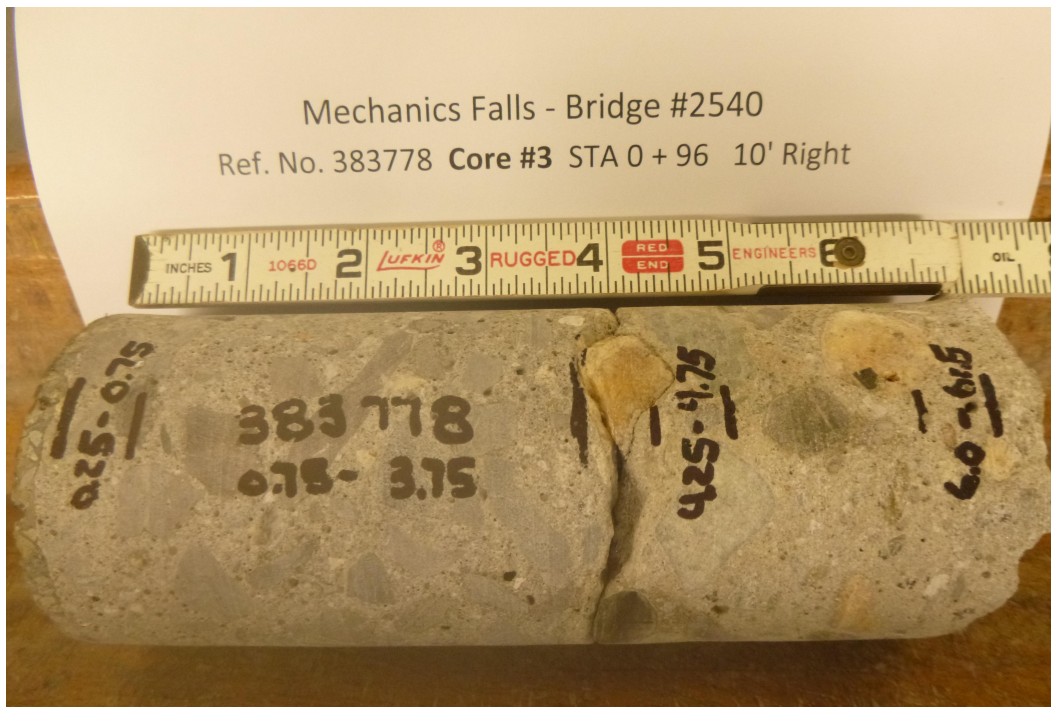
### SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
<b>383778</b>	<b>3</b>	<b>BRIDGE CORE</b>	10/10/2023	10/10/2023
Sample Type: <b>OTHER</b>	Sampler: <b>LAMONT DUTRA</b>	Sample Location: <b>ROADWAY</b>		
WIN/Town <b>027078.00 - MECHANIC FALLS</b>	Bridge No.: <b>2540</b>	Station: <b>0+96</b>	Offset, ft: <b>10, RT</b>	

### TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	<b>0.75-3.75</b>	<b>6870.00</b>
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>0.25-0.75</b>	<b>8.97</b>
<b>4.25-4.75</b>	<b>0.79</b>
<b>6.00-6.50</b>	<b>0.83</b>



#### Comments:

Final report. Core#: 3, Bridge#:2540 Mechanic Falls

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/9/2024**

Paper Copy: Structure File      Electronic: Customer —



# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No.	Core No.	Sample Description	Sampled	Received
<b>383779</b>	<b>4</b>	<b>BRIDGE CORE</b>	10/10/2023	10/10/2023
Sample Type: <b>OTHER</b>	Sampler: <b>LAMONT DUTRA</b>	Sample Location: <b>ROADWAY</b>		
WIN/Town <b>027078.00 - MECHANIC FALLS</b>	Bridge No.: <b>2540</b>	Station: <b>0+06</b>	Offset, ft: <b>10, LT</b>	

### TEST RESULTS

Compressive Strength (T 22)		
	Location, inch	Strength, psi
Specimen 1	<b>0.25-3.25</b>	<b>7780.00</b>
Specimen 2		
Specimen 3		

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>3.25-4.25</b>	<b>0.88</b>



#### Comments:

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

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/9/2024**

Paper Copy: Structure File      Electronic: Customer —





# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No. **383780** Core No. **5** Sample Description **BRIDGE CORE** Sampled **10/10/2023** Received **10/10/2023**

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

WIN/Town **027078.00 - MECHANIC FALLS** Bridge No.: **2540** Station: **1-54** Offset, ft: **10, LT**

### TEST RESULTS

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

Chloride Content (T 260)	
Location, inch	Chloride Level, lb/yd <sup>3</sup>
<b>7.25-7.75</b>	<b>0.91</b>



#### Comments:

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

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/9/2024**

Paper Copy: Structure File    Electronic: Customer —



# BRIDGE CORE TEST REPORT

## Central Laboratory

### SAMPLE INFORMATION

Reference No. **383781** Core No. **6** Sample Description **BRIDGE CORE** Sampled **10/10/2023** Received **10/10/2023**

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

WIN/Town **027078.00 - MECHANIC FALLS** Bridge No.: **2540** Station: **1-54** Offset, ft: **3, 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 <sup>3</sup>
0.25-0.75	11.08
1.50-2.00	18.21
2.75-3.25	8.48
4.00-4.50	6.54
5.50-6.00	3.09
6.00-6.50	2.96



#### Comments:

Final report. Core#: 6, Bridge#:2540 Mechanic Falls. No compressive test performed due to a crack running the length of the core.

### AUTHORIZATION AND DISTRIBUTION

Reported by: **ROBERT HARADON**

Date Reported: **1/9/2024**

Paper Copy: Structure File Electronic: Customer —