Maura Healey, Governor
Kimberley Driscoll, Lieutenant Governor
Monica Tibbits-Nutt, Secretary & CEO
Jonathan L. Gulliver, Highway Administrator

MassDOT
Massachusetts Department of Transportation
Highway Division

Proposal No. 612514-130933 July 23, 2025

ADDENDUM NO. 1

To Prospective Bidders and Others on:

CUMMINGTON
Federal Aid Project No. HIP(NGB)-003S(828)
Bridge Preservation, C-21-002, Route 9 over Westfield River

THIS PROPOSAL TO BE OPENED AND READ: TUESDAY, JULY 29, 2025 at 2:00 P.M.

Transmitting changes to the Contract Documents as follows:

QUESTIONS AND RESPONSES:	1 page
DOCUMENT 00010:	Revised page 3.
DOCUMENT 00104:	Revised page 3.
DOCUMENT 00813:	Deleted document in its entirety and inserted new document (4 pages).
DOCUMENT 00880:	Revised pages 3 through 27.
DOCUMENT A00882:	Inserted new document (18 pages).

Take note of the above, substitute the revised pages for the originals, delete the document indicated, insert the new documents in the proper order, and acknowledge Addendum No. 1 in your Expedite Proposal file before submitting your bid.

Very truly yours,

Eric M. Cardone Digitally signed by Eric M. Cardone Date: 2025.07.23 10:20:03 -04'00'

Eric M. Cardone, P.E.
Construction Contracts Engineer

EMC/mac
cc: Stephen Soma, Project Manager

Ten Park Plaza, Suite 4160, Boston, MA 02116
Tel: 857-368-4636, TTY: 857-368-0655
www.mass.gov/massdot

THIS PAGE INTENTIONALLY LEFT BLANK

CUMMINGTON
Federal Aid Project No. HIP(NGB)-003S(828)
Bridge Preservation, C-21-002, Route 9 over Westfield River

Questions and Responses Addendum No. 1, July 23, 2025

Atlantic Bridge & Engineering, Inc., email dated Tuesday, July 22, 2025

Question 1) Could MassDOT please provide the latest Bridge Inspection Report for this structure?

Response 1) See Document A00882.

Question 2) With regards to the Structural Steel Notes on Bridge Sheet 2 of 28, please clarify which structural steel repairs should be considered as Main Load Carrying Members so that we can price accordingly.

Response 2) Structural Steel Main Load Carrying Members: arches, vertical tension members, tension ties, floor beams, stringers, sidewalk stringers, stub stringers, overhang brackets, steel grid deck, CM-TL3 rail, and all repairs & connection members associated with them.

Structural Steel Non-Main Load Carrying Members: horizontal bracing, sidewalk stringer diaphragms, ornamental rails, and expansion joint parts.

THIS PAGE INTENTIONALLY LEFT BLANK

① Addendum No. 1, July 23, 2025

TABLE OF CONTENTS (Continued)

*** END OF DOCUMENT ***

① Addendum No. 1, July 23, 2025

NOTICE TO CONTRACTORS (Continued)

PRICE ADJUSTMENTS

① This Contract contains price adjustments for hot mix asphalt and Portland cement mixtures, diesel fuel, and gasoline. For reference the base prices are as follows: liquid asphalt $635.00 per ton, Portland cement $425.13 per ton, diesel fuel $2.766 per gallon, and gasoline $2.453 per gallon, and Steel Base Price Index 342.1. MassDOT posts the **Price Adjustments** on their Highway Division's website at
https://www.mass.gov/massdot-contract-price-adjustments

This Contract contains Price Adjustments for steel. See Document 00813 - PRICE ADJUSTMENT FOR STRUCTURAL STEEL AND REINFORCING STEEL for their application and base prices.

MassDOT projects are subject to the rules and regulations of the Architectural Access Board (521 CMR 1.00 et seq.)

Prospective bidders and interested parties can access this information and more via the internet at WWW.COMMBUYS.COM.

BY: Monica G. Tibbits-Nutt, Secretary and CEO, MassDOT
Jonathan L. Gulliver, Administrator, MassDOT Highway Division
SATURDAY, JUNE 28, 2025

Addendum No. 1, July 23, 2025

DOCUMENT 00813

SPECIAL PROVISIONS

PRICE ADJUSTMENTS FOR STRUCTURAL STEEL AND REINFORCING STEEL

July 16, 2025

This special provision applies to all projects containing the use of structural steel and/or reinforcing steel as specified elsewhere in the Contract work. It applies to all structural steel and all reinforcing steel, as defined below, on the project. Compliance with this provision is mandatory, i.e., there are no "opt-in" or "opt-out" clauses. Price adjustments will be handled as described below and shall only apply to unfabricated reinforcing steel bars and unfabricated structural steel material, consisting of rolled shapes, plate steel, sheet piling, pipe piles, steel castings and steel forgings.

Price adjustments will be variances between Base Prices and Period Prices. Base Prices and Period Prices are defined below.

Price adjustments will only be made if the variances between Base Prices and Period Prices are 5% or more. A variance can result in the Period Price being either higher or lower than the Base Price. Once the 5% threshold has been achieved, the adjustment will apply to the full variance between the Base Price and the Period Price.

Price adjustments will be calculated by multiplying the number of pounds of unfabricated structural steel material or unfabricated reinforcing steel bars on a project by the index factor calculated as shown below under Example of a Period Price Calculation.

Price adjustments will ***not*** include guardrail panels or the costs of shop drawing preparation, handling, fabrication, coatings, transportation, storage, installation, profit, overhead, fuel costs, fuel surcharges, or other such charges not related to the cost of the unfabricated structural steel and unfabricated reinforcing steel.

The weight of steel subject to a price adjustment shall not exceed the final shipping weight of the fabricated part by more than 10%.

Base Prices and Period Prices are defined as follows:

Base Prices of unfabricated structural steel and unfabricated reinforcing steel on a project are fixed prices determined by the Department and found in the table below. While it is the intention of the Department to make this table comprehensive, some of a project's unfabricated structural steel and/or unfabricated reinforcing steel may be inadvertently omitted. Should this occur, the Contractor shall bring the omission to the Department's attention so that a contract alteration may be processed that adds the missing steel to the table and its price adjustments to the Contract.

The Base Price Date is the month and year of the most recent finalized period price index at the time that MassDOT opened bids for the project. The Base Price Index for this contract is the Steel PPI listed in the Notice to Contractors.

Period Prices of unfabricated structural steel and unfabricated reinforcing steel on a project are variable prices that have been calculated using the Period Price Date and an index of steel prices to adjust the Base Price.

The Period Price Date is the date the steel was delivered to the fabricator as evidenced by an official bill of lading submitted to the Department containing a description of the shipped materials, weights of the shipped materials and the date of shipment. This date is used to select the Period Price Index.

The index used for the calculation of Period Prices is the U.S. Department of Labor Bureau of Labor Statistics Producer Price Index (PPI) Series ID WPU101702 (Not Seasonally Adjusted, Group: Metals and Metal Products, Item: Semi-finished Steel Mill Products.) As this index is subject to revision for a period of up to four (4) months after its original publication, no price adjustments will be made until the index for the period is finalized, i.e., the index is no longer suffixed with a "(P)".

Period Prices are determined as follows:

Period Price = Base Price X Index Factor
Index Factor = Period Price Index / Base Price Index

Example of a Period Price Calculation:

Calculate the Period Price for December 2009 using a Base Price from March 2009 of $0.82/Pound for 1,000 Pounds of ASTM A709 (AASHTO M270) Grade A36 Structural Steel Plate.

The Period Price Date is December 2009. From the PPI website*, the Period Price Index = 218.0.

The Base Price Date is March 2009. From the PPI website*, the Base Price Index = 229.4.

Index Factor = Period Price Index / Base Price Index = 218.0 / 229.4 = 0.950
Period Price = Base Price X Index Factor = $0.82/Pound X 0.950 = $0.78/Pound

Since $0.82 - $0.78 = $0.04 is less than 5% of $0.82, no price adjustment is required.

If the $0.04 difference shown above was greater than 5% of the Base Price, then the price adjustment would be 1,000 Pounds X $0.04/Pound = $40.00. Since the Period Price of $0.78/Pound is less than the Base Price of $0.82/Pound, indicating a drop in the price of steel between the bid and the delivery of material, a credit of $40.00 would be owed to MassDOT. When the Period Price is higher than the Base Price, the price adjustment is owed to the Contractor.

* To access the PPI website and obtain a Base Price Index or a Period Price Index, go to http://data.bls.gov/cgi-bin/srgate

End of example.

The Contractor will be paid for unfabricated structural steel and unfabricated reinforcing steel under the respective contract pay items for all components constructed of either structural steel or reinforced Portland cement concrete under their respective Contract Pay Items.

Price adjustments, as herein provided for, will be paid separately as follows:

Structural Steel
Pay Item Number 999.449 for positive (+) pay adjustments (payments to the Contractor)

Pay Item Number 999.457 for negative (-) pay adjustments (credits to MassDOT Highway Division)

Reinforcing Steel
Pay Item Number 999.466 for positive (+) pay adjustments (payments to the Contractor)

Pay Item Number 999.467 for negative (-) pay adjustments (credits to MassDOT Highway Division)

No price adjustment will be made for price changes after the Contract Completion Date, unless the MassDOT Highway Division has approved an extension of Contract Time for the Contract.

TABLE

Steel Type		Price per Pound
1	ASTM A615/A615M Grade 60 (AASHTO M31 Grade 60 or 420) Reinforcing Steel	$0.53
2	ASTM A27 (AASHTO M103) Steel Castings, H-Pile Points & Pipe Pile Shoes (See Note below.)	$0.74
3	ASTM A668 / A668M (AASHTO M102) Steel Forgings	$0.74
4	ASTM A108 (AASHTO M169) Steel Forgings for Shear Studs	$0.76
5	ASTM A709/A709M Grade 36 / AASHTO M270M/M270 Grade 36 or 250 Structural Steel Plate	$0.79
6	ASTM A709/A709M Grade 36 / AASHTO M270M/M270 Grade 36 or 250 Structural Steel Shapes	$0.75
7	ASTM A709/A709M Grade 50 / AASHTO M270M/M270 Grade 50 or 345 Structural Steel Plate	$0.79
8	ASTM A709/A709M Grade 50 / AASHTO M270M/M270 Grade 50 or 345 Structural Steel Shapes	$0.75
9	ASTM A709/A709M Grade 50WT / AASHTO M270M/M270 Grade 50WT or 345WT Structural Steel Plate	$0.82
10	ASTM A709/A709M Grade 50WT / AASHTO M270M/M270 Grade 50WT or 345WT Structural Steel Shapes	$0.76
11	ASTM A709/A709M Grade 50W / AASHTO M270M/M270 Grade 50W 345W Structural Steel Plate	$0.82
12	ASTM A709/A709M Grade 50W / AASHTO M270M/M270 Grade 50W or 345W Structural Steel Shapes	$0.76
13	ASTM A709/A709M Grade HPS 50W / AASHTO M270M/M270 Grade HPS 50W or 345W Structural Steel Plate	$0.86
14	ASTM A709/A709M Grade HPS 70W / AASHTO M270M/M270 Grade HPS 70W or 485W Structural Steel Plate	$0.93
15	ASTM A514/A514M-05 Grade HPS 100W / AASHTO M270M/M270 Grade HPS 100W or 690W Structural Steel Plate	$1.42
16	ASTM A992/A992M Grade 50S / AASHTO M270M/M270 Grade 50S or 345S Structural Steel Plate	$0.82
17	ASTM A992/A992M Grade 50S / AASHTO M270M/M270 Grade 50S or 345S Structural Steel Shapes	$0.76
18	ASTM A276 Type 316 Stainless Steel	$4.26
19	ASTM A240 Type 316 Stainless Steel	$4.26
20	ASTM A148 Grade 80/50 Steel Castings (See Note below.)	$1.46
21	ASTM A53 Grade B Structural Steel Pipe	$0.93
22	ASTM A500 Grades A, B, 36 & 50 Structural Steel Pipe	$0.93
23	ASTM A252, Grades 240 (36 KSI) & 414 (60 KSI) Pipe Pile	$0.74
24	ASTM 252, Grade 2 Permanent Steel Casing	$0.74
25	ASTM A36 (AASHTO M183) for H-piles, steel supports and sign supports	$0.78
26	ASTM A328 / A328M, Grade 50 (AASHTO M202) Steel Sheetpiling	$1.40
27	ASTM A572 / A572M, Grade 50 Sheetpiling	$1.40
28	ASTM A36/36M, Grade 50	$0.79
29	ASTM A570, Grade 50	$0.78
30	ASTM A572 (AASHTO M223), Grade 50 H-Piles	$0.79
31	ASTM A1085 Grade A (50 KSI) Steel Hollow Structural Sections (HSS), heat-treated per ASTM A1085 Supplement S1	$0.93
32	AREA 140 LB Rail and Track Accessories	$0.48

NOTE: Steel Castings are generally used only on moveable bridges. Cast iron frames, grates and pipe are not “steel” castings and will not be considered for price adjustments.

END OF DOCUMENT

THIS PAGE INTENTIONALLY LEFT BLANK

"General Decision Number: MA20250020 07/18/2025

Superseded General Decision Number: MA20240020

State: Massachusetts

Construction Type: Highway

County: Hampshire County in Massachusetts.

HIGHWAY CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least $17.75 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least $13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2025.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at http://www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/03/2025
1	04/11/2025
2	05/16/2025
3	07/11/2025
4	07/18/2025

ENGI0004-019 06/01/2025

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1	$ 57.83	33.70
Group 2	$ 57.18	33.70

FOOTNOTE FOR POWER EQUIPMENT OPERATORS:
A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Labor Day, Memorial Day, Independence Day, Patriot's Day, Columbus Day, Veteran's Day, Thanksgiving Day, Christmas Day

POWER EQUIPMENT OPERATORS CLASSIFICATIONS
Group 1: Broom/Sweeper; Crane; Gradall; Post Driver (Guardrail/Fences)
Group 2: Bulldozer; Grader/Blade

ENGI0098-010 12/01/2024

	Rates	Fringes
POWER EQUIPMENT OPERATOR		
Group 1	$ 42.88	31.04+A
Group 2	$ 42.57	31.04+A
Group 4	$ 39.12	31.04+A

Footnote:
A. Paid Holidays: New year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day and Christmas Day

POWER EQUIPMENT OPERATORS CLASSIFICATIONS
Group 1: Backhoe/Excavator/Trackhoe; Bobcat/Skid Steer/Skid Loader; Loader
Group 2: Milling Machine; Paver (Asphalt, Aggregate, and Concrete)
Group 4: Roller

---

* IRON0007-027 03/16/2025

	Rates	Fringes
IRONWORKER (ORNAMENTAL AND STRUCTURAL)	$ 41.15	33.25

LABO0596-008 12/01/2021

	Rates	Fringes
LABORER (Traffic Control: Flagger)	$ 24.50	23.96

LABO0999-003 12/02/2024

	Rates	Fringes
LABORER		
Common or General	$ 35.00	28.87
Landscape	$ 35.00	28.87

PAIN0035-023 07/01/2024

	Rates	Fringes
PAINTER (Steel)	$ 56.76	36.00

SUMA2014-010 01/11/2017

	Rates	Fringes
CARPENTER, Includes Form Work	$ 40.64	20.80
CEMENT MASON/CONCRETE FINISHER	$ 52.13	20.89

ELECTRICIAN	$ 47.13	13.41
IRONWORKER, REINFORCING	$ 46.21	21.27
LABORER: Asphalt, Includes Raker, Shoveler, Spreader and Distributor	$ 33.10	18.09
LABORER: Concrete Saw (Hand Held/Walk Behind)	$ 44.43	14.18
OPERATOR: Forklift	$ 51.63	0.00
OPERATOR: Mechanic	$ 48.14	17.02
OPERATOR: Piledriver	$ 43.87	18.04
PAINTER: Spray (Linestriping)	$ 37.50	18.83
TRAFFIC CONTROL: Laborer-Cones/ Barricades/Barrels - Setter/Mover/Sweeper	$ 43.73	15.06
TRUCK DRIVER: Concrete Truck	$ 33.69	15.79
TRUCK DRIVER: Dump Truck	$ 30.00	18.18
TRUCK DRIVER: Flatbed Truck	$ 48.53	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at
https://www.dol.gov/agencies/whd/government-contracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

a) a survey underlying a wage determination
b) an existing published wage determination
c) an initial WHD letter setting forth a position on a wage determination matter
d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

==========

END OF GENERAL DECISION"

"General Decision Number: MA20250010 07/18/2025

Superseded General Decision Number: MA20240010

State: Massachusetts

Construction Types: Heavy (Heavy and Marine)

Counties: Berkshire, Franklin, Hampden and Hampshire Counties in Massachusetts.

HEAVY CONSTRUCTION PROJECTS; AND MARINE CONSTRUCTION PROJECTS

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	. Executive Order 14026 generally applies to the contract. . The contractor must pay all covered workers at least $17.75 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	. Executive Order 13658 generally applies to the contract. . The contractor must pay all covered workers at least $13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2025.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at http://www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/03/2025
1	03/07/2025
2	03/14/2025
3	03/21/2025
4	03/28/2025
5	05/16/2025
6	07/11/2025
7	07/18/2025

BOIL0029-001 01/01/2025

	Rates	Fringes
BOILERMAKER	$ 50.62	28.82

BRMA0001-005 08/01/2023

SPRINGFIELD CHAPTER

	Rates	Fringes
BRICKLAYER		
BRICKLAYERS; CEMENT MASONS; PLASTERERS; STONE MASONS; MARBLE, TILE & TERRAZZO WORKERS	$ 50.81	32.27

BRMA0001-007 08/01/2023

SPRINGFIELD/PITTSFIELD CHAPTER
BERKSHIRE COUNTY

	Rates	Fringes
BRICKLAYER		
BRICKLAYERS; CEMENT MASONS; PLASTERERS; STONE MASONS; MARBLE, TILE & TERRAZZO WORKERS	$ 50.81	32.27

CARP0056-004 08/01/2024

	Rates	Fringes
DIVER TENDER	$ 61.70	35.47
DIVER	$ 78.11	35.47

CARP0056-009 08/01/2024

	Rates	Fringes
PILEDRIVERMAN	$ 51.97	35.47

CARP0336-005 03/01/2025

FRANKLIN COUNTY (Erving, Orange, North Orange, and Warwick)

	Rates	Fringes
CARPENTER	$ 42.59	27.61

CARP0336-010 03/01/2025

BERKSHIRE

	Rates	Fringes
CARPENTER	$ 42.59	27.61

CARP0336-012 03/01/2025

HAMPDEN; HAMPSHIRE; AND FRANKLIN (Remainder of County)

	Rates	Fringes
CARPENTER	$ 42.59	27.61

CARP1121-004 01/06/2025

	Rates	Fringes
MILLWRIGHT	$ 43.42	33.00

ELEC0007-002 12/29/2024

HAMPDEN (Except Chester & Holyoke); HAMPSHIRE (Belchertown, Ware)

	Rates	Fringes
ELECTRICIAN	$ 51.06	28.16

ELEC0007-003 12/29/2024

BERKSHIRE; FRANKLIN; HAMPDEN (Chester, Holyoke); HAMPSHIRE (Except Belchertown, Ware)

	Rates	Fringes
ELECTRICIAN	$ 51.06	28.16

ENGI0098-007 12/01/2024

	Rates	Fringes
Power equipment operators:		
Group 1	$ 42.88	31.04+A
Group 2	$ 42.57	31.04+A
Group 3	$ 42.35	31.04+A
Group 4	$ 39.12	31.04+A
Group 5	$ 38.00	31.04+A
Group 6	$ 36.06	31.04+A
Group 7	$ 54.38	31.04+A
Group 8	$ 44.06	31.04+A
Group 9	$ 44.37	31.04+A

Group 10	$ 46.38	31.04+A
Group 11	$ 47.38	31.04+A
Group 12	$ 48.88	31.04+A
Group 13	$ 49.88	31.04+A
Group 14	$ 50.88	31.04+A
Group 15	$ 52.38	31.04+A

HAZARDOUS WASTE PREMIUM $2.00

FOOTNOTE FOR POWER EQUIPMENT OPERATORS:
Group 8 and Group 9 are per day wages.
A. Paid Holidays: New year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans Day, Thanksgiving Day and Christmas Day

POWER EQUIPMENT OPERATORS CLASSIFICATIONS
Group 1: Shovels; crawlers and truck cranes including all tower; self-propelled hydraulic cranes 10 tons and over; draglines; clam shells; cableways; shaft hoists; mucking machines derricks; backhoes; bulldozers; gradalls; elevating graders; pile drivers; concrete pavers; trenching machines; front end loaders- 5 1/2 cu yds and over; dual drum paver; automatic grader-excavator(C.M.I. or equal); scrapers towing pan or wagon; tandem dozers or push cats(2 units in tandem); shotcrete machine; tunnel boring machine; combination backhoe/loader 3/4 cu yd hoe or over; jet engine dryer; tree shredder; post hole digger; post hole hammer; post extractor; truck mounted concrete pump with boom; roto-mill; Grader; Horizontal Drilling Machine; John Henry Rock Drill and similar equipment.
Group 2: Rotary drill with mounted compressor; compressor house (3 to 6 compressors); rock and earth boring machines (excluding McCarthy and similar drills); front end loaders 4 cu yds to 5 1/2 cu yds); forklifts-7 ft lift and over 3 ton capacity; scraper 21 yds and over (struck load); sonic hammer console; reclaimers road planer/milling machine; cal tracks; ballast regulators; rail anchor machines; switch tampers, asphalt pavers; mechanic; welder and transfer machine.
Group 3: Combination backhoe/loader up to 3/4 cu yd; scrapers up to 21 cu yd (struck load, self propelled or tractor drawn); tireman; front end loaders up to 4 yds; well drillers; engineer or fireman on high pressure boiler; self-loading batch plant; well point operators electric pumps used in well point system; pumps, 16 inches and over (total discharge); compressor, one or two 900 cu ft and over; powered grease truck; tunnel locomotives and dingys; grout pumps; hydraulic jacks; boom truck; hydraulic cranes-up to 10 ton.

Group 4: Asphalt rollers; self-powered rollers and compactors; tractor without blade drawing sheepsfoot roller; rubber tire roller; vibratory roller or other type of compactors including machines for pulverizing and aerating soil; york rake.
Group 5: Hoists; conveyors; power pavement breakers; self-powered concrete pavement finishing machines; two bag mixers with skip; McCarthy and similar drills; batch plants (not self loading); bulk cement plants; self-propelled material spreaders; three or more 10 KW light plants; 30 KW or more generators; power broom.
Group 6: Compressor (one or two) 315 cu ft to 900 cu ft; pumps 4 inches to 16 inches (total discharge).
Group 7: Compressors up to 315 cu ft; small mixers with skip; pumps up to 4 inches; power heaters; oiler; A-frame trucks; forklifts-up to 7 ft. lift and up to 3 ton capacity; hydro broom; stud welder.
Group 8: Truck crane crews
Group 9: Oiler
Group 10: Master Mechanic
Group 11: Boom lengths over 150 feet including jib
Group 12: Boom lengths over 200 feet including jib
Group 13: Boom lengths over 250 feet including jib
Group 14: Boom lengths over 300 feet including jib
Group 15: Boom lengths over 350 feet including jib

---

* IRON0007-014 03/16/2025

BERKSHIRE (Becket, East Otis, Hinsdale, Monterey, New Marlboro, North Otis, Otis, Peru, Sandisfield, Savoy, Sheffield, Washington, Windsor); FRANKLIN; HAMPDEN; HAMPSHIRE

	Rates	Fringes
IRONWORKER	$ 41.15	33.25

IRON0012-003 07/01/2025

BERKSHIRE (Lee)

	Rates	Fringes
IRONWORKER	$ 40.75	31.91

IRON0012-004 07/01/2025

BERKSHIRE (Remainder of County)

	Rates	Fringes
Ironworkers:		
Sheeter	$ 41.00	31.91
Structural, Ornamental, Reinforcing, Fence Erector, Machinery Mover, Rigger, Rodman, Stone Derrickman	$ 40.75	31.91

LABO0022-002 12/01/2024

FRANKLIN (Orange, Warwick)

	Rates	Fringes
Laborers:		
GROUP 1	$ 38.95	29.70
GROUP 2	$ 39.20	29.70
GROUP 3	$ 39.70	29.70
GROUP 4	$ 39.95	29.70
GROUP 5	$ 39.70	29.70
GROUP 6	$ 40.95	29.70

LABORERS CLASSIFICATIONS

GROUP 1: Laborers; carpenter tenders; cement finisher tenders, plasterer tenders

GROUP 2: Asphalt raker; fence and guard rail erector; laser beam operator; mason tenmder; pipelayer; pneumatic drill operator; pneumatic tool operator; wagon drill operatorm jackhammer operator, pavement breaker, carbide core drilling machine, chain saw operator, barco type jumping tampers, concrete pump, motorized mortar miner, ride-on motorized buggy

GROUP 3: Air track operator; block paver; rammer; curb setter, hydraulic and similar self-powered drills

GROUP 4: Blaster; powderman

GROUP 5: Precast floor and roof, plank erector

GROUP 6: Asbestos Abatement, Toxic and Hazardous waste laborers

---

LABO0473-005 12/01/2024

FRANKLIN (Except Orange and Warrick); HAMPDEN and HAMPSHIRE COUNTIES (with the exception of Chesterfield, Cummington, Goshen, Middlefield, Plainfield, and Worthington)

	Rates	Fringes
Laborers:		
Group 1	$ 35.00	29.70
Group 2	$ 35.00	29.70
Group 3	$ 35.00	29.70
Group 4	$ 35.00	29.70
Group 5	$ 27.01	29.70
Group 6	$ 35.00	29.70

LABORERS CLASSIFICATIONS

Group 1: Carpenter tenders, cement finisher tenders, laborers, wrecking laborers

Group 2: Asphalt rakers, fence and guard rail erectors, laser beam operator, mason tender, pipelayer, pneumatic drill operator, pneumatic tool operator, wagon drill operator

Group 3: Air track operator, block pavers, rammers, curb setters

Group 4: Blasters, powdermen

Group 5: Flaggers

Group 6: Asbestos abatement, toxic and Hazardous waste laborers

---

LABO0473-006 12/01/2024

BERKSHIRE; HAMPSHIRE COUNTIES (the towns of Chesterfield, Cummington, Goshen, Middlefield, Plainfield, and Worthington only)

	Rates	Fringes
Laborers:		
Group 1	$ 33.99	26.65
Group 2	$ 33.99	26.65
Group 3	$ 33.99	26.65
Group 4	$ 33.99	26.65
Group 5	$ 27.01	26.65
Group 6	$ 33.99	26.65

LABORERS CLASSIFICATIONS

Group 1: Carpenter tenders, cement finisher tenders, laborers, wrecking laborers

Group 2: Asphalt rakers, fence and guard rail erectors, laser beam operator, mason tender, pipelayer, pneumatic drill operator, pneumatic tool operator, wagon drill operator

Group 3: Air track operator, block pavers, rammers, curb setters

Group 4: Blasters, powdermen

Group 5: Flaggers

Group 6: Asbestos abatement, toxic and Hazardous waste laborers

---

LABO1421-002 12/02/2024

	Rates	Fringes
Laborers:		
Group 1	$ 46.25	29.70
Group 2	$ 47.00	29.70
Group 3	$ 47.25	29.70
Group 4	$ 42.25	29.70
Group 5	$ 45.35	29.70
Group 6	$ 46.25	29.70

Group 1: Adzeman, Wrecking Laborer.
Group 2: Burners, Jackhammers.
Group 3: Small Backhoes, Loaders on tracks, Bobcat Type Loaders, Hydraulic ""Brock"" Type Hammer Operators, Concrete Cutting Saws.
Group 4: Yardman (Salvage Yard Only).
Group 5: Yardman, Burners, Sawyers.
Group 6: Asbestos, Lead Paint, Toxic and Hazardous Waste.

PAIN0035-010 07/01/2024

	Rates	Fringes
PAINTER		
NEW CONSTRUCTION:		
Brush, Taper	$ 38.78	31.85
Spray, Sandblast	$ 39.48	31.85
REPAINT:		
Bridge	$ 56.76	31.85
Brush, Taper	$ 35.40	31.85
Spray, Sandblast	$ 36.80	31.85

PLUM0004-003 03/01/2025

FRANKLIN (Orange)

	Rates	Fringes
Plumber and Steamfitter	$ 55.00	30.17

PLUM0104-004 03/17/2025

BERKSHIRE (Becket, Otis, Sandisfield); FRANKLIN (Except Monroe, Rowe, and the Western part of Charlemont); HAMPDEN; HAMPSHIRE

	Rates	Fringes
Plumbers and Pipefitters	$ 51.26	29.85

FOOTNOTE:
A. Two paid holidays, Independence Day and Labor Day, provided the employee has been employed seven days prior to the holiday by the same employer

---

PLUM0104-009 03/17/2025

BERKSHIRE (Except Otis, Becket, Sandisfield); FRANKLIN (Monroe, Rowe and the Western part of Charlemont)

	Rates	Fringes
Plumber and Steamfitter	$ 51.26	29.85

FOOTNOTE FOR PLUMBERS & STEAMFITTERS:
A. Paid holidays: Independence Day and Labor Day, provided the employee has been employed seven days prior to the holiday by the same employer.

TEAM0379-001 06/01/2025

	Rates	Fringes
Truck drivers:		
Group 1	$ 40.78	37.35+a+b
Group 2	$ 40.95	37.35+a+b
Group 3	$ 41.02	37.35+a+b
Group 4	$ 41.14	37.35+a+b
Group 5	$ 41.24	37.35+a+b
Group 6	$ 41.53	37.35+a+b
Group 7	$ 41.82	37.35+a+b

POWER TRUCKS $.25 DIFFERENTIAL BY AXLE
TUNNEL WORK (UNDERGROUND ONLY) $.40 DIFFERENTIAL BY AXLE
HAZARDOUS MATERIALS (IN HOT ZONE ONLY) $2.00 PREMIUM

TRUCK DRIVERS CLASSIFICATIONS

Group 1: Station wagons; panel trucks; and pickup trucks

Group 2: Two axle equipment; & forklift operator

Group 3: Three axle equipment and tireman

Group 4: Four and Five Axle equipment

Group 5: Specialized earth moving equipment under 35 tons other than conventional type trucks; low bed; vachual; mechanics, paving restoration equipment

Group 6: Specialized earth moving equipment over 35 tons

Group 7: Trailers for earth moving equipment (double hookup)

FOOTNOTES:

A. PAID HOLIDAYS: New Year's Day, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Patriot's Day, Columbus Day, Veteran's Day, Thanksgiving Day and Christmas Day

B. PAID VACATION: Employees with 4 months to 1 year of service receive 1/2 day's pay per month; 1 week vacation for 1 - 5 years of service; 2 weeks vacation for 5 - 10 years of service; and 3 weeks vacation for more than 10 years of service

---

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

==========

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at https://www.dol.gov/agencies/whd/government-contracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (iii)).

The body of each wage determination lists the classifications and wage rates that have been found to be prevailing for the type(s) of construction and geographic area covered by the wage determination. The classifications are listed in alphabetical order under rate identifiers indicating whether the particular rate is a union rate (current union negotiated rate), a survey rate, a weighted union average rate, a state adopted rate, or a supplemental classification rate.

Union Rate Identifiers

A four-letter identifier beginning with characters other than ""SU"", ""UAVG"", ?SA?, or ?SC? denotes that a union rate was prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2024. PLUM is an identifier of the union whose collectively bargained rate prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2024 in the example, is the effective date of the most current negotiated rate.

Union prevailing wage rates are updated to reflect all changes over time that are reported to WHD in the rates
in the collective bargaining agreement (CBA) governing the classification.

Union Average Rate Identifiers

The UAVG identifier indicates that no single rate prevailed for those classifications, but that 100% of the data reported for the classifications reflected union rates. EXAMPLE: UAVG-OH-0010 01/01/2024. UAVG indicates that the rate is a weighted union average rate. OH indicates the State of Ohio. The next number, 0010 in the example, is an internal number used in producing the wage determination. The date, 01/01/2024 in the example, indicates the date the wage determination was updated to reflect the most current union average rate.

A UAVG rate will be updated once a year, usually in January, to reflect a weighted average of the current rates in the collective bargaining agreements on which the rate is based.

Survey Rate Identifiers

The ""SU"" identifier indicates that either a single non-union rate prevailed (as defined in 29 CFR 1.2) for this classification in the survey or that the rate was derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As a weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SUFL2022-007 6/27/2024. SU indicates the rate is a single non-union prevailing rate or a weighted average of survey data for that classification. FL indicates the State of Florida. 2022 is the year of the survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 6/27/2024 in the example, indicates the survey completion date for the classifications and rates under that identifier.

?SU? wage rates typically remain in effect until a new survey is conducted. However, the Wage and Hour Division (WHD) has the discretion to update such rates under 29 CFR 1.6(c)(1).

State Adopted Rate Identifiers

The ""SA"" identifier indicates that the classifications and prevailing wage rates set by a state (or local) government were adopted under 29 C.F.R 1.3(g)-(h). Example: SAME2023-007 01/03/2024. SA reflects that the rates are state adopted. ME refers to the State of Maine. 2023 is the year during which the state completed the survey on which the listed classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. The date, 01/03/2024 in the example, reflects the date on which the classifications and rates under the ?SA? identifier took effect under state law in the state from which the rates were adopted.

WAGE DETERMINATION APPEALS PROCESS

1) Has there been an initial decision in the matter? This can be:

a) a survey underlying a wage determination
b) an existing published wage determination
c) an initial WHD letter setting forth a position on a wage determination matter
d) an initial conformance (additional classification and rate) determination

On survey related matters, initial contact, including requests for summaries of surveys, should be directed to the WHD Branch of Wage Surveys. Requests can be submitted via email to davisbaconinfo@dol.gov or by mail to:

Branch of Wage Surveys
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

Regarding any other wage determination matter such as conformance decisions, requests for initial decisions should be directed to the WHD Branch of Construction Wage Determinations. Requests can be submitted via email to BCWD-Office@dol.gov or by mail to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2) If an initial decision has been issued, then any interested party (those affected by the action) that disagrees with the decision can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Requests for review and reconsideration can be submitted via email to dba.reconsideration@dol.gov or by mail to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210.

==========

END OF GENERAL DECISION"

DOCUMENT A00882

BRIDGE INSPECTION REPORT

THIS PAGE INTENTIONALLY LEFT BLANK

MASSACHUSETTS DEPARTMENT OF TRANSPORTATION

STRUCTURES INSPECTION FIELD REPORT

OTHER INSPECTION

2-DIST	B.I.N.	BR. DEPT. NO.
01	0JJ	C-21-002

CITY/TOWN	8.-STRUCTURE NO.	11-Kilo. POINT	90-ROUTINE INSP. DATE	INSPECTION DATE
CUMMINGTON	C21002-0JJ-DOT-NBI	037.223	Apr 23, 2024	May 7, 2025

07-FACILITY CARRIED	MEMORIAL NAME/LOCAL NAME	27-YR BUILT	106-YR REBUILT	*YR REHAB'D (NON 106)
ST 9 /ST112	Dudley Manor	1939	0000	0000

06-FEATURES INTERSECTED	26-FUNCTIONAL CLASS	DIST. BRIDGE INSPECTION ENGINEER
WATER E BR WESTFIELD RIV	Rural Arterial	M. P.E. McCabe

43-STRUCTURE TYPE	22-OWNER	21-MAINTAINER	TEAM LEADER
312 : Steel Arch - Thru	State Highway Agency	State Highway Agency	G. Gniadek

107-DECK TYPE	WEATHER	TEMP. (air)	TEAM MEMBERS
1 : Concrete Cast-in-Place	OVRCST	17°C	C. M. BAKER

WEIGHT POSTING — *Not Applicable* X

	H	3	3S2	Single
Actual Posting	N	N	N	N
Recommended Posting	N	N	N	N

Waived Date: 08/02/2012 EJDMT Date: 00/00/0000

Signs In Place (Y=Yes,N=No, NR=Not Required) / Legibility/ Visibility

	At bridge		Advance	
	E	W	E	W
Signs In Place				
Legibility/ Visibility				

PLANS (Y/N): Y

(V.C.R.) (Y/N): N

TAPE#:

RATING

Rating Report (Y/N): Y Date: 06/01/2012

Recommend for Rating or Rerating (Y/N): N

If YES please give priority: HIGH ( ) MEDIUM ( ) LOW ( )

REASON:

Inspection data at time of existing rating

I 58: 5 I 59: 5 I 60: 5 I 62: - Date : 06/10/2011

MEMBER(S):

	MEMBER	CRACK (Y/N):	WELD'S CONDITION (0-9)	LOCATION OF CORROSION, SECTION LOSS (%), CRACKS, COLLISION DAMAGE, STRESS CONCENTRATION, ETC.	CONDITION PREVIOUS (0-9)	CONDITION PRESENT (0-9)	INV. RATING OF MEMBER FROM RATING ANALYSIS H-20	3	3S2	Deficiencies
A	Item 58.1 - Wearing Surface	N	N	See remarks in comments section.	6	6	Not Rated			M-P
B	Item 58.2 - Deck Condition	N	N	See remarks in comments section.	5	5	25	44	70	S-A
C										
D										
E										

List of field tests performed:

	I-58	I-59	I-60	I-61	I-62
(Overall Previous Condition)	5	3	5	6	-
(Overall Current Condition)	5	3	5	6	-

DEFICIENCY: A defect in a structure that requires corrective action.

CATEGORIES OF DEFICIENCIES:

M= Minor Deficiency Deficiencies which are minor in nature, generally do not impact the structural integrity of the bridge and could easily be repaired. Examples include but are not limited to: Spalled concrete, Minor pot holes, Minor corrosion of steel, Minor scouring, Clogged drainage, etc.

S= Severe/Major Deficiency Deficiencies which are more extensive in nature and need more planning and effort to repair. Examples include but are not limited to: Moderate to major deterioration in concrete, Exposed and corroded rebars, Considerable settlement, Considerable scouring or undermining, Moderate to extensive corrosion to structural steel with measurable loss of section, etc.

C-S= Critical Structural Deficiency A deficiency in a structural element of a bridge that poses an extreme unsafe condition due to the failure or imminent failure of the element which will affect the structural integrity of the bridge.

C-H= Critical Hazard Deficiency A deficiency in a component or element of a bridge that poses an extreme hazard or unsafe condition to the public, but does not impair the structural integrity of the bridge. Examples include but are not limited to: Loose concrete hanging down over traffic or pedestrians, A hole in a sidewalk that may cause injuries to pedestrians, Missing section of bridge railing, etc.

URGENCY OF REPAIR:

I = Immediate- [Inspector(s) immediately contact District Bridge Inspection Engineer (DBIE) to report the Deficiency and to receive further instruction from him/her].

A = ASAP- [Action/Repair should be initiated by District Maintenance Engineer or the Responsible Party (if not a State owned bridge) upon receipt of the Inspection Report].

P = Prioritize- [Shall be prioritized by District Maintenance Engineer or the Responsible Party (if not a State owned bridge) and repairs made when funds and/or manpower is available].

X=UNKNOWN N=NOT APPLICABLE H=HIDDEN/INACCESSIBLE R=REMOVED

F.C.(1)7-96

CITY/TOWN	B.I.N.	BR. DEPT. NO.	8.-STRUCTURE NO.	INSPECTION DATE
CUMMINGTON	**0JJ**	**C-21-002**	**C21002-0JJ-DOT-NBI**	**MAY 7, 2025**

REMARKS

BRIDGE ORIENTATION

State Routes 9 & 112 (Berkshire Trail) travels west and east. The East Branch of the Westfield River flows from north to south. This single span structure consists of a tied arch with a reinforced concrete deck. The panels, hangers, and floorbeams are numbered from west to east. The stringers and bays are numbered from north to south, upstream to downstream, as per the plans. Refer to sketches 1 & 2 for framing plans.

GENERAL REMARKS

The purpose of this inspection was to document the placement of a 6'-4" x 4'-0" x 1" steel plate over a full depth hole and spall in the wearing surface and concrete deck in panel 9, bay 4.

ITEM 58 - DECK

Item 58.1 - Wearing Surface

Approximately 6'-0" from the east joint, measured along the roadway centerline, and 12' from the north curb, in the westbound lane, a 4'-0" long x 6'-4" wide x 1" thick steel plate has been installed over a full depth hole in the wearing surface, 10" long x up to 24" wide. **See Photos 1 - 3.** This area corresponds with a full depth spall at the east end of panel 9, bay 4, of the concrete deck. Refer to Item 58.2 - Deck Condition.

For remainder of wearing surface condition notes, refer to the previous Routine & Special Member Inspection Report, dated 4/23/2024.

Item 58.2 - Deck Condition

In panel 9, at the east end of bay 4, there is a full width through spall with exposed longitudinal and transverse reinforcement, approximately 6' long. In adjacent bays 3 & 5, there are areas of heavy mapcracking, efflorescence, and rust staining, evidence of leakage, and visibly bulging concrete. **See Photo 4.**

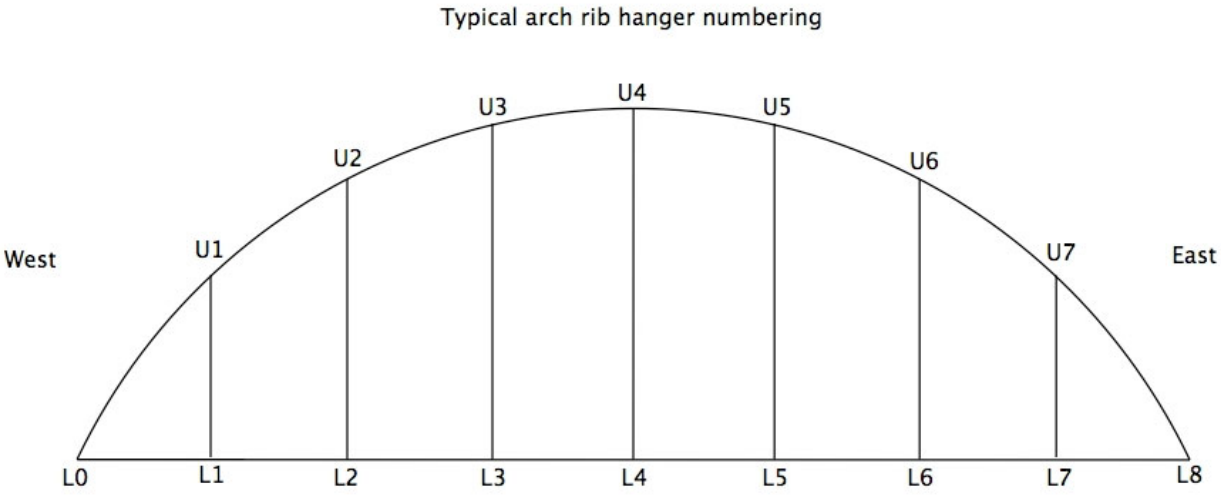
For remainder of deck condition notes, refer to the previous Routine & Special Member Inspection Report, dated 4/23/2024.

Sketch / Photo Log

Sketch 1 : Arch elevation.
Sketch 2 : Framing plan.
Photo 1 : Full depth hole at the east end of the wearing surface and concrete deck, prior to steel plate installation.
Photo 2 : Steel plate installed at the east end, in the westbound lane, looking south.
Photo 3 : Steel plate installed at the east end, in the westbound lane, looking west.
Photo 4 : Deck underside at the east end of panel 9. Note the full width through spall in bay 4, and the cracking, efflorescence, and leakage in adjacent bays 3 & 5.

CITY/TOWN	B.I.N.	BR. DEPT. NO.	8.-STRUCTURE NO.	INSPECTION DATE
CUMMINGTON	**0JJ**	**C-21-002**	**C21002-0JJ-DOT-NBI**	**MAY 7, 2025**

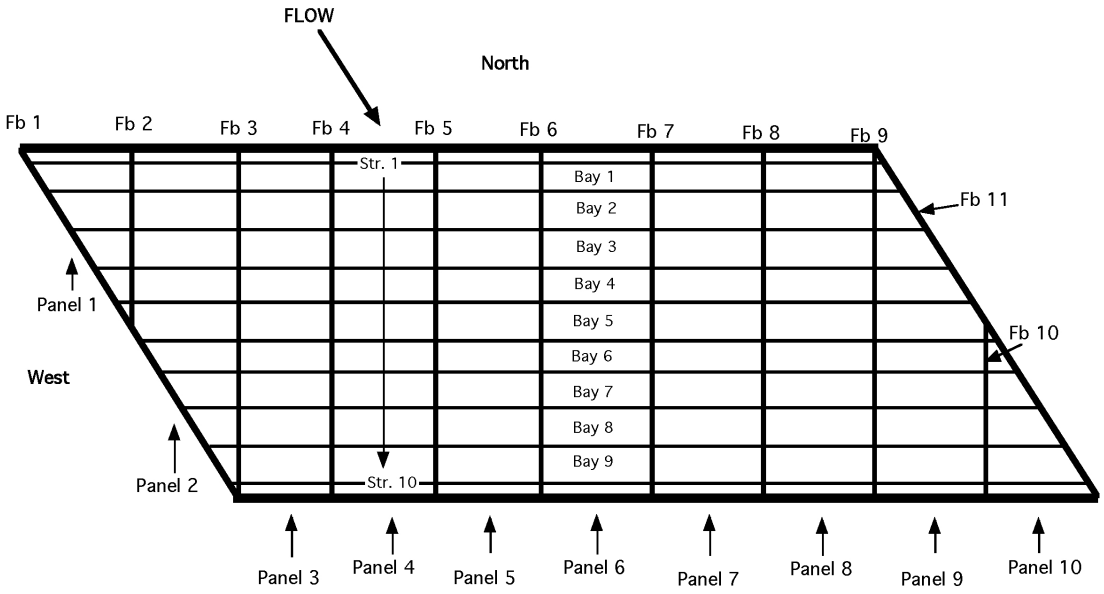
SKETCHES



Sketch 1: Arch elevation.

CITY/TOWN	B.I.N.	BR. DEPT. NO.	8.-STRUCTURE NO.	INSPECTION DATE
CUMMINGTON	**0JJ**	**C-21-002**	**C21002-0JJ-DOT-NBI**	**MAY 7, 2025**

SKETCHES



Floorbeam #	FB Size	Flange Thk	Web Thk
2 & 10	36 WF 150	.940	.625
1 & 11	36 WF 230	1.260	.765
3 & 9	36 WF 260	1.440	.845
4, 5, 7, & 8	36 WF 280	1.570	.885
6	36 WF 300	1.680	.945

Stringer Size	Flange Thk	Web Thk
16 WF 45	.346	.563

Sketch 2: Framing plan.

REM.(2)7-96

CITY/TOWN	B.I.N.	BR. DEPT. NO.	8.-STRUCTURE NO.	INSPECTION DATE
CUMMINGTON	**0JJ**	**C-21-002**	**C21002-0JJ-DOT-NBI**	**MAY 7, 2025**

PHOTOS

Photo 1: **Full depth hole at the east end of the wearing surface and concrete deck, prior to steel plate installation.**

Photo 2: **Steel plate installed at the east end, in the westbound lane, looking south.**

REM.(2)7-96

CITY/TOWN	B.I.N.	BR. DEPT. NO.	8.-STRUCTURE NO.	INSPECTION DATE
CUMMINGTON	**0JJ**	**C-21-002**	**C21002-0JJ-DOT-NBI**	**MAY 7, 2025**

PHOTOS

Photo 3: **Steel plate installed at the east end, in the westbound lane, looking west.**

Photo 4: **Deck underside at the east end of panel 9. Note the full width through spall in bay 4, and the cracking, efflorescence, and leakage in adjacent bays 3 & 5.**

REM.(2)7-96

Report Date: July 22, 2025 Dudley Manor

State Information

BDEPT#= C21002 Agency Br.No.

Town= Cummington L.O. MHD

B.I.N= 0JJ AASHTO= 040.1

RANK= 593 H.I.= 73.7 % FHWA Select List= N (6/21/2017)

Identification

(8) Structure Number	C210020JJDOTNBI
(5) Inventory Route	131000090
(2) State Highway Department District	01
(3) County Code 015 (4) Place code	16040
(6) Features Intersected	**WATER E BR WESTFIELD RIV**
(7) Facility Carried	**ST 9 /ST112**
(9) Location	AT JCT W/ LILAC AVE.
(11) Kilometerpoint	0037.223
(12) Base Highway Network	Y
(13) LRS Inventory Route & Subroute	000000000000
(16) Latitude	42 DEG 27 MIN 21.38 SEC
(17) Longitude	72 DEG 53 MIN 05.14 SEC
(98) Border Bridge State Code	Share %
(99) Border Bridge Structure No. #	

Structure Type and Material

(43) Structure Type Main: Steel Code 312

Arch - Thru Jointless bridge type: Not applicable

(44) Structure Type Appr:

Other Code 000

(45) Number of spans in main unit	001
(46) Number of approach spans	0000

(107) Deck Structure Type - Concrete Cast-in-Place Code 1

(108) Wearing Surface / Protective System:

A) Type of wearing surface - Bituminous Code 6

B) Type of membrane - Built-up Code 1

C) Type of deck protection - None Code 0

Age and Service

(27) Year Built	1939
(106) Year Reconstructed	0000

(42) Type of Service: On - Highway-Ped

Under - Waterway Code 55

(28) Lanes: On Structure 02	Under structure 00
(29) Average Daily Traffic	002630
(30) Year of ADT 2024	(109) Truck ADT 06 %
(19) Bypass, detour length	003 KM

Geometric Data

(48) Length of maximum span	0039.0 M
(49) Structure Length	00041.1 M
(50) Curb or sidewalk: Left 01.5 M	Right 00.0 M
(51) Bridge Roadway Width Curb to Curb	012.2 M
(52) Deck Width Out to Out	012.5 M
(32) Approach Roadway Width (w/shoulders)	012.2 M
(33) Bridge Median - No median	Code 0
(34) Skew 35 DEG	(35) Structure Flared N
(10) Inventory Route MIN Vert Clear	99.99 M
(47) Inventory Route Total Horiz Clear	09.0 M
(53) Min Vert Clear Over Bridge Rdwy	99.99 M
(54) Min Vert Underclear ref N	00.00 M
(55) Min Lat Underclear RT ref N	00.0 M
(56) Min Lat Underclear LT	00.0 M

Navigation Data

(38) Navigation Control - No navigation control on waterway	Code 0
(111) Pier Protection	Code
(39) Navigation Vertical Clearance	000.0 M
(116) Vert-lift Bridge Nav Min Vert Clear	M
(40) Navigation Horizontal Clearance	0000.0 M

Classification

	Code
(112) NBIS Bridge Length	Y
(104) Highway System	Y
(26) Functional Class - Rural Arterial	02
(100) Defense Highway	0
(101) Parallel Structure	N
(102) Direction of Traffic - 2-way traffic	2
(103) Temporary Structure	Y
(105) Federal Lands Highways	0
(110) Designated National Network	N
(20) Toll - On free road	3
(21) Maintain - State Highway Agency	01
(22) Owner - State Highway Agency	01
(37) Historical Significance potentially eligible	P

Condition

	Code
(58) Deck	5
(59) Superstructure	3
(60) Substructure	5
(61) Channel & Channel Protection	6
(62) Culverts	N

Load Rating and Posting

	Code
(31) Design Load - H 20=M 18	4
(63) Operating Rating Method - Load Factor (LF)	1
(64) Operating Rating	33.9
(65) Inventory Rating Method - Load Factor (LF)	1
(66) Inventory Rating	20.3
(70) Bridge Posting	5
(41) Structure - Open with shoring	D

Appraisal

	Code
(67) Structural Evaluation	3
(68) Deck Geometry	6
(69) Underclearances, vert. and horiz.	N
(71) Waterway adequacy	8
(72) Approach Roadway Alignment	8
(36) Traffic Safety Features	0 0 0 1
(113) Scour Critical Bridges	4

Inspections

(90) Inspection Date 04/23/24 (91) Frequency 12 MO

(92) Critical Feature Inspection: (93) CFI DATE

(A) Fracture Critical Detail	Y	24	MO A)	04/23/24
(B) Underwater Inspection	N	00	MO B)	00/00/00
(C) Other Special Inspection	Y	12	MO C)	04/14/25
(*) Other Inspection (Deck plate)	N	00	MO *)	05/07/25
(*) Closed Bridge	N	00	MO *)	00/00/00
(*) UW Special Inspection	N	00	MO *)	00/00/00
(*) Damage Inspection			MO *)	00/00/00

Rating Loads

Report Date 06/01/12	H20	Type 3	Type 3S2	Type HS
Operating	32.0	43.0	63.0	52.0
Inventory	20.0	27.0	39.0	32.0

Field Posting

Status WAIVED Posting Date 08/02/12

	2 Axle	3 Axle	5 Axle	Single
Actual				
Recommended				

Missing Signs N

Misc.

Bridge Name Dudley Manor

N Anti-missile fence N Acrow Panel N Jointless Bridge

Freeze/Thaw N : Not Applicable

Stairs On/Adjacent 0 Stair Owner(s)

Accessibility (Needed/Used)

N / N	Liftbucket	N / N	Rigging	N / N	Other
P / N	Ladder	N / N	Staging		
N / N	Boat	Y / Y	Traffic Control		
P / N	Wader	N / N	RR Flagperson		
Y / Y	Inspector 50	Y / Y	Police		

Inspection Hours: 148

National Bridge Element Inspection

BDEPT# **C-21-002**
B.I.N. **0JJ**
Item 8 **C21002-0JJ-DOT-NBI**
Span Group **1**
Town **Cummington**
District **1**

Date **05/07/2025**
District Bridge Inspection Eng'r **Michael P.E. McCabe**
Inspecting Agency **Mass. Highway Dept.**
Team Leader **Gregory Gniadek**
Team Member(s) **Christine M. Baker**

El #	Element Name	Units	Env.	Total Q.	% or Q	State 1	State 2	State 3	State 4
12	**Re Concrete Deck**	sq feet	2	5,549.000	☐ %	2,475.000	2,522.000	546.000	6.000
Notes :									
> 1080	*Delamination/Spall/Patched Area*	sq feet	2	74.000	☐ %		22.000	46.000	6.000
Notes :									
> 1130	*Cracking (RC and Other)*	sq feet	2	3,000.000	☐ %		2,500.000	500.000	
Notes :									
> 510	Wearing Surfaces	sq feet	2	5,413.000	☐ %	5,360.000	50.000	1.000	2.000
Notes :									
> > 3210	*Del/Spall/Patch/Pot(Wear Surf)*	sq feet	2	3.000	☐ %			1.000	2.000
Notes :									
> > 3220	*Crack (Wearing Surface)*	sq feet	2	50.000	☐ %		50.000		
Notes :									
113	**Steel Stringer**	feet	2	1,280.000	☐ %	1,020.000	80.000	150.000	30.000
Notes :									
> 1000	*Corrosion*	feet	2	260.000	☐ %		80.000	150.000	30.000
Notes :									
> 515	Steel Protective Coating	sq feet	2	5,806.000	☐ %	520.000	4,766.000		520.000
Notes :									
> > 3440	*Eff (Stl Protect Coat)*	sq feet	2	5,286.000	☐ %		4,766.000		520.000
Notes :									
113	**Steel Stringer**	feet	3	100.000	☐ %	100.000			
Notes :									
> 515	Steel Protective Coating	sq feet	3	492.000	☐ %		492.000		
Notes :									

National Bridge Element Inspection

BDEPT# **C-21-002**
B.I.N. **0JJ**
Item 8 **C21002-0JJ-DOT-NBI**
Span Group **1**
Town **Cummington**
District **1**

Date **05/07/2025**
District Bridge Inspection Eng'r **Michael P.E. McCabe**
Inspecting Agency **Mass. Highway Dept.**
Team Leader **Gregory Gniadek**
Team Member(s) **Christine M. Baker**

El #	Element Name	Units	Env.	Total Q.	% or Q	State 1	State 2	State 3	State 4
> > 3440	*Eff (Stl Protect Coat)*	sq feet	3	492.000	☐ %		492.000		
Notes :									
141	**Stl Arch**	feet	2	256.000	☐ %	32.000	222.000		2.000
Notes :									
> 1000	*Corrosion*	feet	2	224.000	☐ %		222.000		2.000
Notes :									
> 515	Steel Protective Coating	sq feet	2	5,547.000	☐ %		2,047.000		3,500.000
Notes :									
> > 3440	*Eff (Stl Protect Coat)*	sq feet	2	5,547.000	☐ %		2,047.000		3,500.000
Notes :									
152	**Steel Floor Beam**	feet	2	423.000	☐ %	403.000		20.000	
Notes :									
> 1000	*Corrosion*	feet	2	20.000	☐ %			20.000	
Notes :									
> 515	Steel Protective Coating	sq feet	2	4,737.000	☐ %	3,337.000	1,000.000	300.000	100.000
Notes :									
> > 3440	*Eff (Stl Protect Coat)*	sq feet	2	4,737.000	☐ %	3,337.000	1,000.000	300.000	100.000
Notes :									
152	**Steel Floor Beam**	feet	3	78.000	☐ %	18.000	30.000	30.000	
Notes :	This element includes the end floorbeams and the floorbeams that are connected to the end floorbeams.								
> 1000	*Corrosion*	feet	3	60.000	☐ %		30.000	30.000	
Notes :									
> 515	Steel Protective Coating	sq feet	3	874.000	☐ %		374.000		500.000
Notes :									

National Bridge Element Inspection

BDEPT# **C-21-002**
B.I.N. **0JJ**
Item 8 **C21002-0JJ-DOT-NBI**
Span Group **1**
Town **Cummington**
District **1**

Date **05/07/2025**
District Bridge Inspection Eng'r **Michael P.E. McCabe**
Inspecting Agency **Mass. Highway Dept.**
Team Leader **Gregory Gniadek**
Team Member(s) **Christine M. Baker**

El #	Element Name	Units	Env.	Total Q.	% or Q	State 1	State 2	State 3	State 4
> > 3440	*Eff (Stl Protect Coat)*	sq feet	3	874.000	☐ %		374.000		500.000
Notes :									
215	**Re Conc Abutment**	feet	3	310.000	☐ %		124.000	186.000	
Notes :									
> 1080	*Delamination/Spall/Patched Area*	feet	3	186.000	☐ %			186.000	
Notes :									
> 1130	*Cracking (RC and Other)*	feet	3	124.000	☐ %		124.000		
Notes :									
300	**Strip Seal Exp Joint**	feet	2	70.000	☐ %	55.000		15.000	
Notes :									
> 2330	*Seal Damage*	feet	2	5.000	☐ %			5.000	
Notes :									
> 2370	*Metal Deterioration or Damage*	feet	2	10.000	☐ %			10.000	
Notes :									
311	**Moveable Bearing**	each	3	3	☐ %		2	1	
Notes :									
> 1000	*Corrosion*	each	3	1	☐ %			1	
Notes :									
> 2220	*Alignment*	each	3	1	☐ %		1		
Notes :									
> 2240	*Loss of Bearing Area*	each	3	1	☐ %		1		
Notes :									
> 515	Steel Protective Coating	sq feet	3	18.000	☐ %		10.000	4.000	4.000
Notes :									

National Bridge Element Inspection

BDEPT# **C-21-002**
B.I.N. **0JJ**
Item 8 **C21002-0JJ-DOT-NBI**
Span Group **1**
Town **Cummington**
District **1**

Date **05/07/2025**
District Bridge Inspection Eng'r **Michael P.E. McCabe**
Inspecting Agency **Mass. Highway Dept.**
Team Leader **Gregory Gniadek**
Team Member(s) **Christine M. Baker**

El #	Element Name	Units	Env.	Total Q.	% or Q	State 1	State 2	State 3	State 4
> > 3440	*Eff (Stl Protect Coat)*	sq feet	3	18.000	☐ %		10.000	4.000	4.000
Notes :									
313	**Fixed Bearing**	each	2	3	☐ %		3		
Notes :									
> 1000	*Corrosion*	each	2	3	☐ %		3		
Notes :									
> 515	Steel Protective Coating	sq feet	2	18.000	☐ %		10.000	4.000	4.000
Notes :									
> > 3440	*Eff (Stl Protect Coat)*	sq feet	2	18.000	☐ %		10.000	4.000	4.000
Notes :									
330	**Metal Bridge Railing**	feet	2	271.000	☐ %			116.000	155.000
Notes :									
> 1000	*Corrosion*	feet	2	116.000	☐ %			116.000	
Notes :									
> 1020	*Connection*	feet	2	135.000	☐ %				135.000
Notes :									
> 1900	*Distortion*	feet	2	20.000	☐ %				20.000
Notes :									
> 515	Steel Protective Coating	sq feet	2	1,355.000	☐ %		455.000	600.000	300.000
Notes :									
> > 3440	*Eff (Stl Protect Coat)*	sq feet	2	1,355.000	☐ %		455.000	600.000	300.000
Notes :									

National Bridge Element Inspection

			Previous Inspection	Current Inspection
BDEPT#	**C-21-002**	Date	**05/07/2025**	
B.I.N.	**0JJ**	Distr. Br. Insp. Eng'r	**Michael P.E. McCabe**	
Item 8	**C21002-0JJ-DOT-NBI**	Inspecting Agency	**Mass. Highway Dept.**	
Span Group	**1**	Team Leader	**Gregory Gniadek**	
Town	**Cummington**	Team Member(s)	**Christine M. Baker**	
District	**1**			

El #	Element Name	Units	Env.	Total Q.	% or Q	State 1	State 2	State 3	State 4
12	**Re Concrete Deck**	sq feet	2	5,549.000	%	2,475.000	2,522.000	546.000	6.000
> 1080	*Delamination/Spall/Patched Area*	sq feet	2	74.000	%		22.000	46.000	6.000
> 1130	*Cracking (RC and Other)*	sq feet	2	3,000.000	%		2,500.000	500.000	
> 510	Wearing Surfaces	sq feet	2	5,413.000	%	5,360.000	50.000	1.000	2.000
> > 3210	*Del/Spall/Patch/Pot(Wear Surf)*	sq feet	2	3.000	%			1.000	2.000
> > 3220	*Crack (Wearing Surface)*	sq feet	2	50.000	%		50.000		
113	**Steel Stringer**	feet	2	1,280.000	%	1,020.000	80.000	150.000	30.000
> 1000	*Corrosion*	feet	2	260.000	%		80.000	150.000	30.000
> 515	Steel Protective Coating	sq feet	2	5,806.000	%	520.000	4,766.000		520.000
> > 3440	*Eff (Stl Protect Coat)*	sq feet	2	5,286.000	%		4,766.000		520.000
113	**Steel Stringer**	feet	3	100.000	%	100.000			
> 515	Steel Protective Coating	sq feet	3	492.000	%		492.000		
> > 3440	*Eff (Stl Protect Coat)*	sq feet	3	492.000	%		492.000		

National Bridge Element Inspection

			Previous Inspection	Current Inspection
BDEPT#	**C-21-002**	Date	**05/07/2025**	
B.I.N.	**0JJ**	Distr. Br. Insp. Eng'r	**Michael P.E. McCabe**	
Item 8	**C21002-0JJ-DOT-NBI**	Inspecting Agency	**Mass. Highway Dept.**	
Span Group	**1**	Team Leader	**Gregory Gniadek**	
Town	**Cummington**	Team Member(s)	**Christine M. Baker**	
District	**1**			

El #	Element Name	Units	Env.	Total Q.	% or Q	State 1	State 2	State 3	State 4
141	**Stl Arch**	feet	2	256.000	%	32.000	222.000		2.000
> 1000	*Corrosion*	feet	2	224.000	%		222.000		2.000
> 515	Steel Protective Coating	sq feet	2	5,547.000	%		2,047.000		3,500.000
> > 3440	*Eff (Stl Protect Coat)*	sq feet	2	5,547.000	%		2,047.000		3,500.000
152	**Steel Floor Beam**	feet	2	423.000	%	403.000		20.000	
> 1000	*Corrosion*	feet	2	20.000	%			20.000	
> 515	Steel Protective Coating	sq feet	2	4,737.000	%	3,337.000	1,000.000	300.000	100.000
> > 3440	*Eff (Stl Protect Coat)*	sq feet	2	4,737.000	%	3,337.000	1,000.000	300.000	100.000
152	**Steel Floor Beam**	feet	3	78.000	%	18.000	30.000	30.000	
> 1000	*Corrosion*	feet	3	60.000	%		30.000	30.000	
> 515	Steel Protective Coating	sq feet	3	874.000	%		374.000		500.000
> > 3440	*Eff (Stl Protect Coat)*	sq feet	3	874.000	%		374.000		500.000
215	**Re Conc Abutment**	feet	3	310.000	%		124.000	186.000	

National Bridge Element Inspection

			Previous Inspection	Current Inspection
BDEPT#	**C-21-002**	Date	**05/07/2025**	
B.I.N.	**0JJ**	Distr. Br. Insp. Eng'r	**Michael P.E. McCabe**	
Item 8	**C21002-0JJ-DOT-NBI**	Inspecting Agency	**Mass. Highway Dept.**	
Span Group	**1**	Team Leader	**Gregory Gniadek**	
Town	**Cummington**	Team Member(s)	**Christine M. Baker**	
District	**1**			

El #	Element Name	Units	Env.	Total Q.	% or Q	State 1	State 2	State 3	State 4
> 1080	*Delamination/Spall/Patched Area*	feet	3	186.000	%			186.000	
> 1130	*Cracking (RC and Other)*	feet	3	124.000	%		124.000		
300	**Strip Seal Exp Joint**	feet	2	70.000	%	55.000		15.000	
> 2330	*Seal Damage*	feet	2	5.000	%			5.000	
> 2370	*Metal Deterioration or Damage*	feet	2	10.000	%			10.000	
311	**Moveable Bearing**	each	3	3	%		2	1	
> 1000	*Corrosion*	each	3	1	%			1	
> 2220	*Alignment*	each	3	1	%		1		
> 2240	*Loss of Bearing Area*	each	3	1	%		1		
> 515	Steel Protective Coating	sq feet	3	18.000	%		10.000	4.000	4.000
> > 3440	*Eff (Stl Protect Coat)*	sq feet	3	18.000	%		10.000	4.000	4.000
313	**Fixed Bearing**	each	2	3	%		3		
> 1000	*Corrosion*	each	2	3	%		3		

National Bridge Element Inspection

		Previous Inspection	Current Inspection
BDEPT#	**C-21-002**	Date **05/07/2025**	
B.I.N.	**0JJ**	Distr. Br. Insp. Eng'r **Michael P.E. McCabe**	
Item 8	**C21002-0JJ-DOT-NBI**	Inspecting Agency **Mass. Highway Dept.**	
Span Group	**1**	Team Leader **Gregory Gniadek**	
Town	**Cummington**	Team Member(s) **Christine M. Baker**	
District	**1**		

El #	Element Name	Units	Env.	Total Q.	% or Q	State 1	State 2	State 3	State 4
> 515	Steel Protective Coating	sq feet	2	18.000	%		10.000	4.000	4.000
> > 3440	*Eff (Stl Protect Coat)*	sq feet	2	18.000	%		10.000	4.000	4.000
330	**Metal Bridge Railing**	feet	2	271.000	%			116.000	155.000
> 1000	*Corrosion*	feet	2	116.000	%			116.000	
> 1020	*Connection*	feet	2	135.000	%				135.000
> 1900	*Distortion*	feet	2	20.000	%				20.000
> 515	Steel Protective Coating	sq feet	2	1,355.000	%		455.000	600.000	300.000
> > 3440	*Eff (Stl Protect Coat)*	sq feet	2	1,355.000	%		455.000	600.000	300.000

THIS PAGE INTENTIONALLY LEFT BLANK