

2-DIST

B.I.N.

## STRUCTURES INSPECTION FIELD REPORT

BR. DEPT. NO.

04

7VB

## SPECIAL MEMBER INSPECTION

B-07-015=W-04-039

CITY/TOWN <b>BELMONT=WALTHAM</b>	8-STRUCTURE NO. <b>B07015-7VB-MUN-CUL</b>	11-Kilo. POINT <b>000.000</b>	90-ROUTINE INSP. DATE <b>May 2, 2022</b>	93*-SPEC. MEMB. INSP. DATE <b>Nov 14, 2022</b>
07-FACILITY CARRIED <b>ST 60 TRAPELO RD</b>	MEMORIAL NAME/LOCAL NAME	27-YR BUILT <b>1850</b>	106-YR REBUILT <b>1900</b>	*YR REHAB'D (NON 106) <b>0000</b>
06-FEATURES INTERSECTED <b>WATER BEAVER BROOK</b>	26-FUNCTIONAL CLASS <b>Urban Arterial</b>	DIST. BRIDGE INSPECTION ENGINEER <b>J. Dideo</b>		
43-STRUCTURE TYPE <b>801 : Masonry Slab</b>	22-OWNER <b>Town Agency</b>	21-MAINTAINER <b>Town Agency</b>	TEAM LEADER M. Comeau <i>[Signature]</i>	
107-DECK TYPE <b>1 : Concrete Cast-in-Place</b>	WEATHER <b>CLEAR</b>	TEMP. (air) <b>5°C</b>	TEAM MEMBERS <b>S. GALLAGHER</b> <i>[Signature]</i>	

WEIGHT POSTING	Not Applicable <input checked="" type="checkbox"/> X	At bridge	Advance	PLANS (Y/N): <b>N</b>
Actual Posting	H 3 3S2 Single <b>N N N N</b>	E W	E W	(V.C.R.) (Y/N): <b>N</b>
Recommended Posting	<b>N N N N</b>	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/>	TAPE#: _____
Waived Date: <b>00/00/0000</b>	EJDMT Date: <b>00/00/0000</b>	Signs In Place (Y=Yes, N=No, NR=Not Required) Legibility/Visibility		

RATING	Rating Report (Y/N): <b>N</b>	Date: <b>----</b>	Recommend for Rating or Rerating (Y/N): <b>N</b>	If YES please give priority: HIGH ( ) MEDIUM ( ) LOW ( )
Inspection data at time of existing rating I 58: - I 59: - I 60: - I 62: - Date: <b>00/00/0000</b>			REASON: <i>[Signature]</i>	

## SPECIAL MEMBER(S):

	MEMBER	CRACK (Y/N):	WELD'S CONDITION (0-9)	LOCATION OF CORROSION, SECTION LOSS (%), CRACKS, COLLISION DAMAGE, STRESS CONCENTRATION, ETC.	CONDITION		INV. RATING OF MEMBER FROM RATING ANALYSIS			Deficiencies
					PREVIOUS (0-9)	PRESENT (0-9)	H-20	3	3S2	
A	Item 58.2 - Deck Condition	N	N	See remarks in comments section.	3	3	Not Rated			S-A
B	Item 59.4 - Girders or Beams	N	N	See remarks in comments section.	3	3	Not Rated			S-A
C										
D										
E										

List of field tests performed: <b>Hands on inspection</b>	(Overall Previous Condition)	I-58	I-59	I-60	I-62
		<b>3</b>	<b>3</b>	<b>4</b>	<b>-</b>
	(Overall Current Condition)	<b>3</b>	<b>3</b>	<b>4</b>	<b>-</b>

**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

CITY/TOWN BELMONT=WALTHAM	B.I.N. 7VB	BR. DEPT. NO. B-07-015=W-04-039	8.-STRUCTURE NO. B07015-7VB-MUN-CUL	INSPECTION DATE NOV 14, 2022
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## REMARKS

### BRIDGE ORIENTATION

Structure B-07-015=W-04-039 (7VB) carries ST 60 Trapelo Road over Beaver Brook along the border line between the Town of Belmont and the City of Waltham. The approaches are west and east and the elevations are south and north. Beaver Brook flows from north to south.

### GENERAL REMARKS

There are multiple superstructure types for this bridge. There are sixteen (16) granite slabs labeled Slab 1 through 16 from south to north. There are eight (8) steel beams labeled Beam 1 through 8 between Slabs 4 and 5, with a utility main at Beam 5. There is a concrete slab with stay-in-place forms between Slabs 12 and 13. North of Slab 16 there is a concrete extension. The original abutments are comprised of dry laid stone at the south side, and the bridge was widened using cast-in-place concrete abutments on the north side. There is a bituminous wearing surface that has been retrofitted with steel roadway plates that span the length of the superstructure. **See Sketches 1 - 3.**

### ITEM 58 - DECK

#### Item 58.2 - Deck Condition

The roadway plates are designated as P1 through P6 from south to north. **See Sketch 1.**

There are isolated fully broken tack welds between roadway plates. The plates with broken tack welds typically deflect under live load.

There is typically minor scrapes and gouges on the leading edge of the roadway plates.

There are isolated transverse hairline cracks in the approaches adjacent to the plates.

There is a depressed bituminous patch with radial up to 1/8" cracks at the northeast corner of P5. **See Photo 1.**

### ITEM 59 - SUPERSTRUCTURE

#### Item 59.4 - Girders or Beams

##### Granite Slabs:

There are isolated longitudinal and diagonal hairline cracks, some with efflorescence near the abutments. There are several up to full width transverse hairline cracks, some with efflorescence near mid-span. **See Sketch 2.**

The southwest corner of Slab 1 is unsupported for 6".

Slab 4 there is a diagonal hairline crack at the east end. **See Photo 2.**

Granite slab 6: Transverse split with previous water leakage noted near midspan.

Slab 7 near mid-span has an up to 2" wide x full depth transverse crack, with a 20" long x 13" wide x 2" deep spall at the south edge.

Slab 6 and 7 are monitored with crack gauges. The crack gauges indicated little to no movement since installation. The crack gauge at Slab 7 read 0.05 mm from zero. **See Photos 3 & 4.**



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## REMARKS

### Steel I-Beams:

There is timber shielding between the steel I-beams preventing inspection of the web and top flanges. The beams typically exhibit minor rotation about the longitudinal axis, resulting in the bottom flanges no longer being level. **See Photo 5.**

There is typically heavy rust and laminated rust throughout the beams. The top and bottom flanges of isolated beams near the abutments and at mid-span have up to 100% section loss x full width. **See Sketch 3 and Photos 6 & 7.**

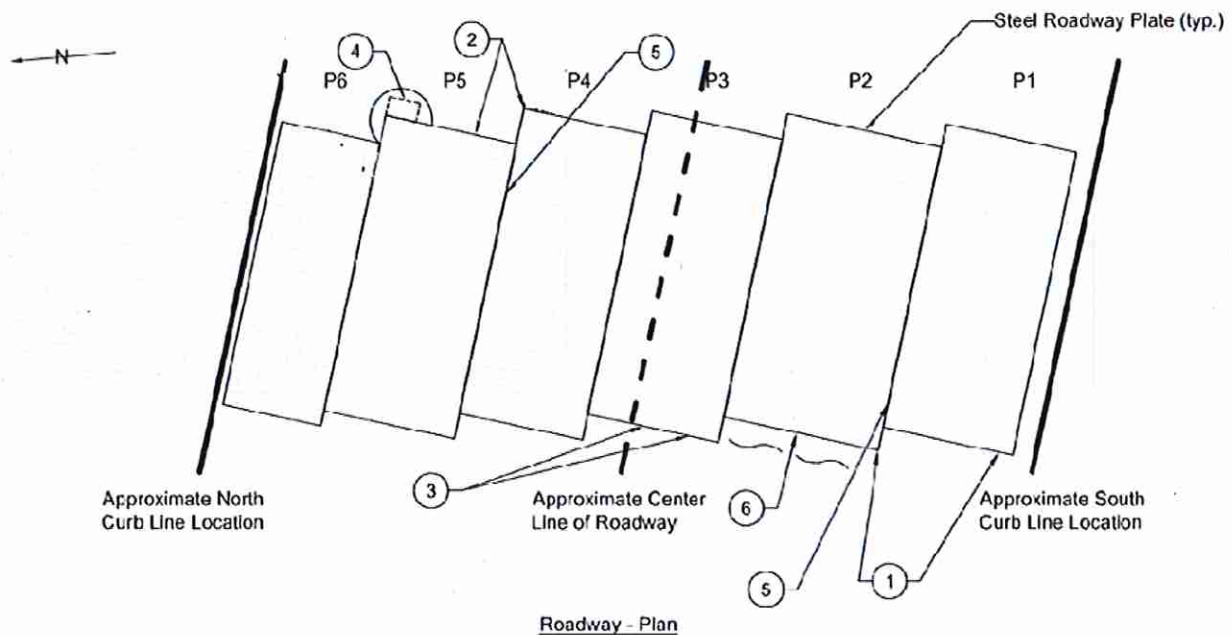
### Reinforced Concrete Slab:

The reinforced concrete slab which acts as part of the superstructure below the westbound roadway is missing 50% of the stay in place forms on the north side of the slab.

There are two spalls with exposed rebar along the south edge measuring up to 2'-6" long x 9" high x 6" wide. There is a 24" long x 16" wide delamination at the northwest corner. **See Photo 8.**

### Sketch / Photo Log

- Sketch 1 : Roadway Plate Conditions
- Sketch 2 : Superstructure Conditions
- Sketch 3 : Steel Beam Conditions
- Photo 1 : There is a depressed bituminous patch with radial up to 1/8" cracks at the northeast corner of P5.
- Photo 2 : Granite Slab 4, there is a diagonal hairline crack at the east end.
- Photo 3 : Granite Slab 6 crack gauge installed with little to no movement since installation.
- Photo 4 : Granite Slab 7 crack monitor installed reading 0.05 mm of movement, there has been no chance since the previous inspection.
- Photo 5 : The beams typically exhibit minor rotation about the longitudinal axis, resulting in the bottom flanges no longer being level (Note the timber shielding in between beams).
- Photo 6 : Heavy section loss up to 100% at the east end bottom flanges of beams 7-8.
- Photo 7 : Heavy section loss up to 100% at the west end of the bottom flanges of beams 6-8.
- Photo 8 : Reinforced concrete slab, There are two spalls with exposed rebar along the south edge measuring up to 2'-6" long x 9" high x 6" wide.

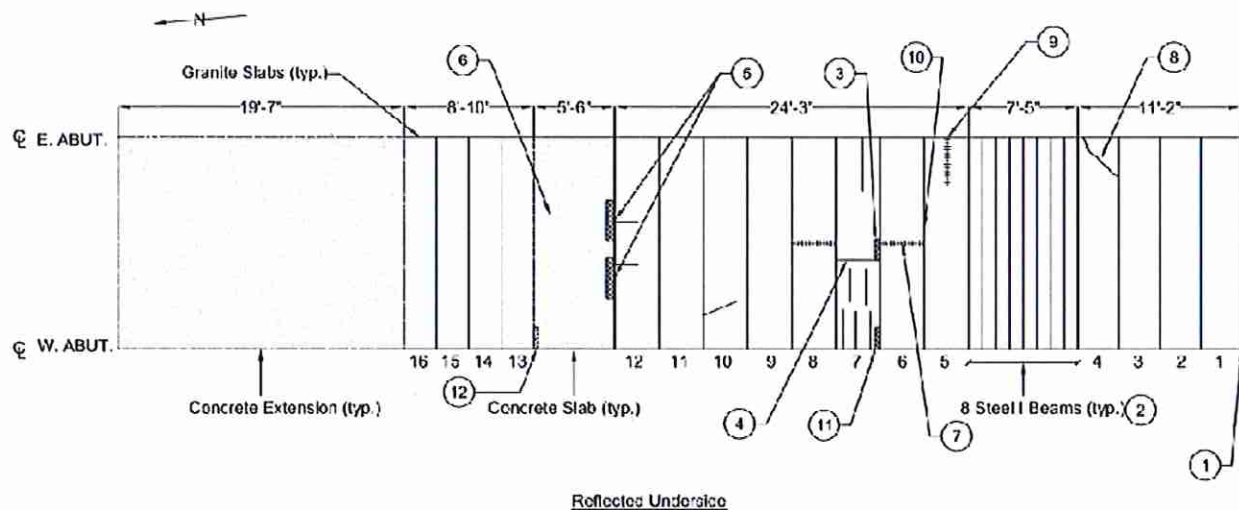
CITY/TOWN  
BELMONT=WALTHAMB.I.N.  
7VBBR. DEPT. NO.  
B-07-015=W-04-0398.-STRUCTURE NO.  
B07015-7VB-MUN-CULINSPECTION DATE  
NOV 14, 2022**SKETCHES**Legend:

- Spall (typ.)
- Delamination (typ.)
- Patch
- Hairline Crack (U.O.N)
- Hairline Crack with Efflorescence (U.O.N)

Condition:

1. Southwest corner deflects under live load
2. Northeast corner deflects under live load
3. Minor spalls adjacent to roadway plate
4. 2'-0" W x 7" L depressed bituminous patch with radial cracks  $\frac{1}{8}$ " W
5. Full length broken tack weld (typ. 5' L)
6. Minor scrapes and gouges (typ.)

**Sketch 1: Roadway Plate Conditions**

CITY/TOWN  
BELMONT=WALTHAMB.I.N.  
7VBBR. DEPT. NO.  
B-07-015=W-04-0398.-STRUCTURE NO.  
B07015-7VB-MUN-CULINSPECTION DATE  
NOV 14, 2022**SKETCHES****Legend**

- Spall (typ.)
- Delamination (typ.)
- Hairline Crack (U.O.N)
- Hairline Crack with Efflorescence (U.O.N)

**Condition:**

1. Granite Slab end unsupported at the SW corner for 6"
2. See Sketch 3: Steel Beam Conditions
3. Granite Slab with a 20" L x 13" W x 2" D spall
4. Granite slab with up to 2" W x full depth crack. Crack gauge reads 0.05mm
5. Two (2) up to 30" L x 6" W x up to 9" D edge spall with exposed rebar
6. 50% of stay in place forms are missing
7. Full width hairline crack with efflorescence. Note: Crack gauge reads 0.00mm
8. 6'-0" L hairline crack
9. 2'-6" L hairline crack with minor efflorescence
10. Loose pointing between the beams
11. 2'-0" L x 5" W x 2" D spall
12. 2'-0" L x 15" W delamination

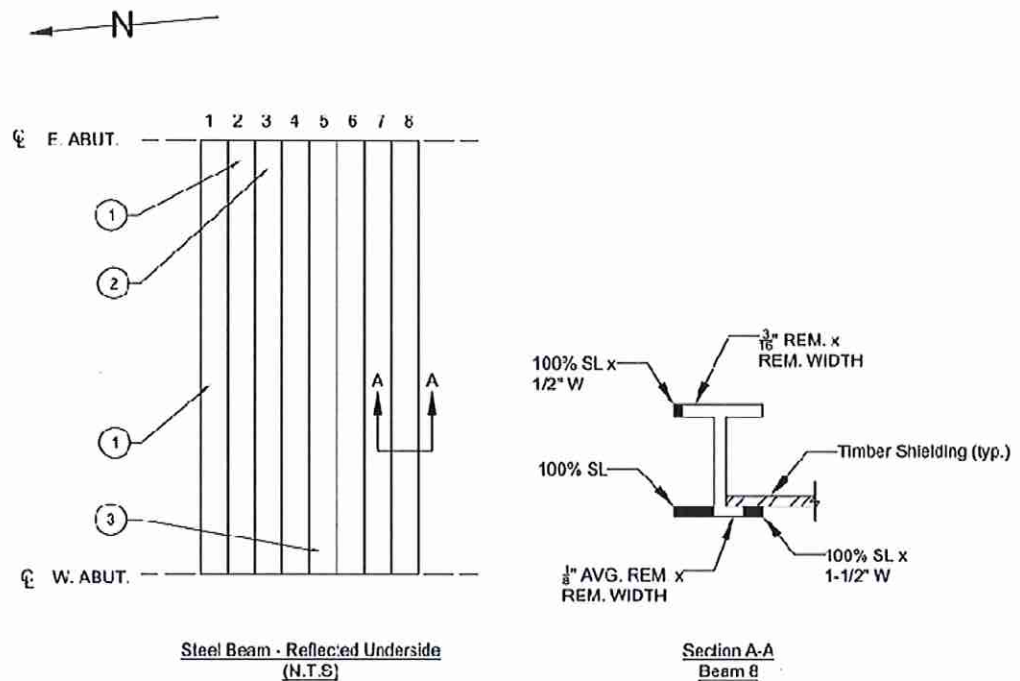
**Sketch 2: Superstructure Conditions**

CITY/TOWN BELMONT=WALTHAM	B.I.N. 7VB	BR. DEPT. NO. B-07-015=W-04-039	8.-STRUCTURE NO. B07015-7VB-MUN-CUL	INSPECTION DATE NOV 14, 2022
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## SKETCHES

**NOTE:**

Interior web and top flange inaccessible due to timber shielding.  
Beams bottom flanges are typically rotated.



Conditions:

1. Bottom Flange: 100% section loss x 1" W at the south leg,  $\frac{3}{16}$ " average remaining x remaining width
2. Bottom Flange: 100% section loss x  $\frac{1}{2}$ " W at legs,  $\frac{1}{8}$ " average remaining x remaining width
3. Bottom Flange: North Flange 2" W cut out at the west end above the drainage pipe. South Flange 100% section loss x  $\frac{1}{2}$ " W

**Sketch 3: Steel Beam Conditions**



CITY/TOWN  
BELMONT=WALTHAM

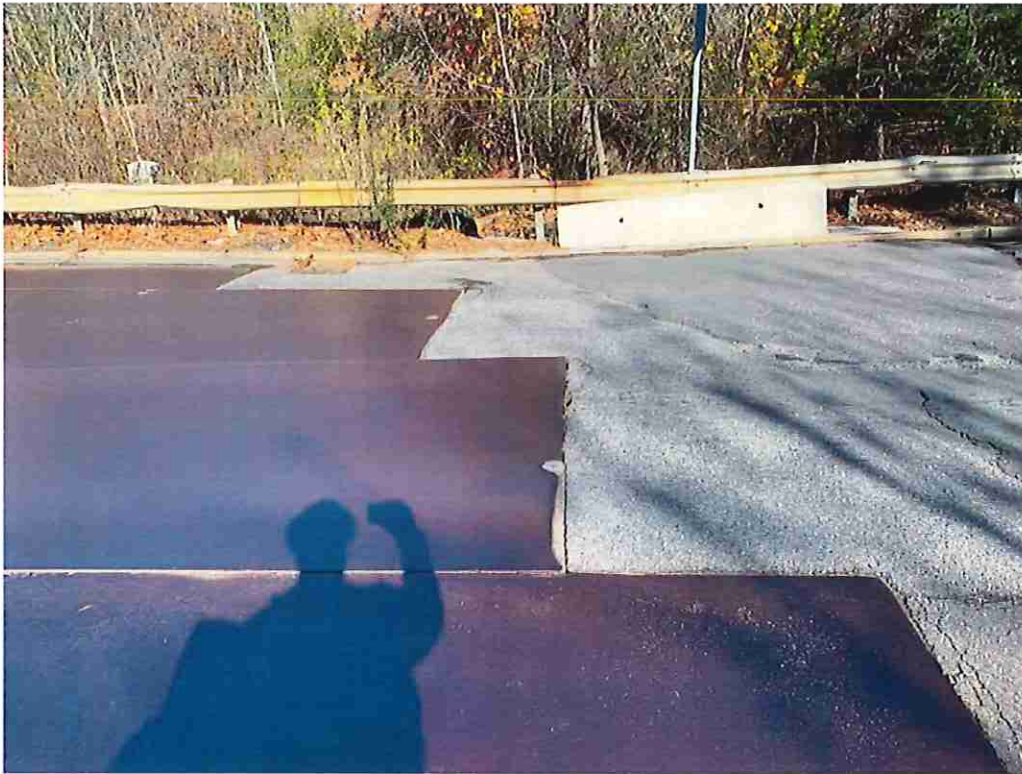
B.I.N.  
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B-07-015=W-04-039

8.-STRUCTURE NO.  
B07015-7VB-MUN-CUL

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## PHOTOS



**Photo 1:** There is a depressed bituminous patch with radial up to 1/8" cracks at the northeast corner of P5.



**Photo 2:** Granite Slab 4, there is a diagonal hairline crack at the east end.



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**PHOTOS**

**Photo 3:** Granite Slab 6 crack gauge installed with little to no movement since installation.



**Photo 4:** Granite Slab 7 crack monitor installed reading 0.05 mm of movement, there has been no change since the previous inspection.



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**PHOTOS**

**Photo 5:** The beams typically exhibit minor rotation about the longitudinal axis, resulting in the bottom flanges no longer being level (Note the timber shielding in between beams).



**Photo 6:** Heavy section loss up to 100% at the east end bottom flanges of beams 7-8.



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**PHOTOS**

**Photo 7:** Heavy section loss up to 100% at the west end of the bottom flanges of beams 6-8.



**Photo 8:** Reinforced concrete slab, There are two spalls with exposed rebar along the south edge measuring up to 2'-6" long x 9" high x 6" wide.



Report Date: October 6, 2022

State Information				Classification				Code				
BDEPT# = B07015=W04039				Agency Br.No.				(112) NBIS Bridge Length				N
Town = Belmont=Waltham				L.O.				(104) Highway System				N
B.I.N = 7VB				AASHTO = 002.0				(26) Functional Class - Urban Arterial				14
RANK = 0 H.I. = 90.6 %				FHWA Select List = N (6/21/17)				(100) Defense Highway				1
(8) Structure Number				B070157VBMUNCUL				(101) Parallel Structure				N
(5) Inventory Route				200000000				(102) Direction of Traffic - 2-way traffic				2
(2) State Highway Department District				04				(103) Temporary Structure				Y
(3) County Code 017 (4) Place code				05070				(105) Federal Lands Highways				0
(6) Features Intersected				WATER BEAVER BROOK				(110) Designated National Network				N
(7) Facility Carried				ST 60 TRAPELO RD				(20) Toll - On free road				3
(9) Location								(21) Maintain - Town Agency				03
(11) Kilometerpoint				0000.000				(22) Owner - Town Agency				03
(12) Base Highway Network				N				(37) Historical Significance undetermined				
(13) LRS Inventory Route & Subroute				000000000000				Condition				Code
(16) Latitude				42 DEG 23 MIN 25.94 SEC				(58) Deck				3
(17) Longitude				71 DEG 11 MIN 48.22 SEC				(59) Superstructure				3
(98) Border Bridge State Code				Share %				(60) Substructure				4
(99) Border Bridge Structure No. #								(61) Channel & Channel Protection				6
(62) Culverts												N
Structure Type and Material								Load Rating and Posting				Code
(43) Structure Type Main: Masonry				Code 801				(31) Design Load - Unknown				0
Slab				Jointless bridge type: Not applicable				(63) Operating Rating Method - Allowable Stress (AS)				2
(44) Structure Type Appr: Other				Code 000				(64) Operating Rating				00.0
(45) Number of spans in main unit				001				(65) Inventory Rating Method - Allowable Stress (AS)				2
(46) Number of approach spans				0000				(66) Inventory Rating				00.0
(107) Deck Structure Type - Concrete Cast-in-Place				Code 1				(70) Bridge Posting				0
(108) Wearing Surface / Protective System:								(41) Structure - Open with shoring				D
A) Type of wearing surface - Bituminous				Code 6				Appraisal				Code
B) Type of membrane - Unknown				Code 8				(67) Structural Evaluation				2
C) Type of deck protection - None				Code 0				(68) Deck Geometry				2
(27) Year Built				1850				(69) Underclearances, vert. and horiz.				N
(106) Year Reconstructed				1900				(71) Waterway adequacy				7
(42) Type of Service: On - Highway-Ped								(72) Approach Roadway Alignment				7
Under - Waterway				Code 55				(36) Traffic Safety Features				0 0 0 0
(28) Lanes: On Structure 04 Under structure				00				(113) Scour Critical Bridges				6
(29) Average Daily Traffic				033000				Inspections				
(30) Year of ADT 2018 (109) Truck ADT				08 %				(90) Inspection Date 05/02/22 (91) Frequency 24 MO				
(19) Bypass, detour length				005 KM				(92) Critical Feature Inspection:				(93) CFI DATE
Geometric Data								(A) Fracture Critical Detail				N 00 MO A) 00/00/00
(48) Length of maximum span				0002.0M				(B) Underwater Inspection				Y 12 MO B) 11/29/21 11/14/22
(49) Structure Length				00002.9M				(C) Other Special Inspection				Y 06 MO C) 05/02/22
(50) Curb or sidewalk: Left 02.7 M Right				00.0M				(*) Other Inspection ( )				N 00 MO *) 00/00/00
(51) Bridge Roadway Width Curb to Curb				013.3M				(*) Closed Bridge				N 00 MO *) 00/00/00
(52) Deck Width Out to Out				023.7M				(*) UW Special Inspection				N 00 MO *) 01/13/17
(32) Approach Roadway Width (w/shoulders)				013.3M				(*) Damage Inspection				MO *) 00/00/00
(33) Bridge Median - No median				Code 0				Rating Loads				
(34) Skew 00 DEG (35) Structure Flared				N				Report Date 00/00/00 H20 Type 3 Type 352 Type HS				
(10) Inventory Route MIN Vert Clear				99.99M				Operating 0.0 0.0 0.0 0.0				
(47) Inventory Route Total Horiz Clear				13.3M				Inventory 0.0 0.0 0.0 0.0				
(53) Min Vert Clear Over Bridge Rdwy				99.99M				Field Posting				
(54) Min Vert Underclear ref N				00.00M				Status				Posting Date 00/00/00
(55) Min Lat Underclear RT ref N				00.00M				Actual				2 Axle 3 Axle 5 Axle Single
(56) Min Lat Underclear LT				00.00M				Recommended				
Navigation Data								Missing Signs N				
(38) Navigation Control - No navigation control on waterway				Code 0				Bridge Name				
(111) Pier Protection				Code				N Anti-missile fence N Acrow Panel N Jointless Bridge				
(39) Navigation Vertical Clearance				000.0M				Freeze/Thaw N : Not Applicable				
(116) Vert-lift Bridge Nav Min Vert Clear				M				# Stairs On/Adjacent 0 Stair Owner(s)				
(40) Navigation Horizontal Clearance				0000.0M				Accessibility (Needed/Used)				
								N / N Liftbucket N / N Rigging N / N Other				
								N / N Ladder N / N Staging				
								N / N Boat N / N Traffic Control				
								Y / Y Wader N / N RR Flagperson				Inspection Hours: 012
								N / N Inspector 50 N / N Police				

Report Date: December 7, 2022

State Information				Classification				Code				
BDEPT#= B07015=W04039				Agency Br.No.				(112) NBIS Bridge Length				N
Town= Belmont=Waltham				L.O.				(104) Highway System				N
B.I.N= 7VB				AASHTO= 002.0				(26) Functional Class - Urban Arterial				14
RANK= 0 H.I.= 90.6 %				FHWA Select List= N (6/21/17)				(100) Defense Highway				1
(8) Structure Number				B070157VBMUNCUL				(101) Parallel Structure				N
(5) Inventory Route				200000000				(102) Direction of Traffic - 2-way traffic				2
(2) State Highway Department District				04				(103) Temporary Structure				Y
(3) County Code 017 (4) Place code				05070				(105) Federal Lands Highways				0
(6) Features Intersected				WATER BEAVER BROOK				(110) Designated National Network				N
(7) Facility Carried				ST 60 TRAPELO RD				(20) Toll - On free road				3
(9) Location								(21) Maintain - Town Agency				03
(11) Kilometerpoint				0000.000				(22) Owner - Town Agency				03
(12) Base Highway Network				N				(37) Historical Significance undetermined				
(13) LRS Inventory Route & Subroute				000000000000				Condition				Code
(16) Latitude				42 DEG 23 MIN 25.94 SEC				(58) Deck				3
(17) Longitude				71 DEG 11 MIN 48.22 SEC				(59) Superstructure				3
(98) Border Bridge State Code				Share %				(60) Substructure				4
(99) Border Bridge Structure No. #								(61) Channel & Channel Protection				5
								(62) Culverts				N
Structure Type and Material								Load Rating and Posting				Code
(43) Structure Type Main: Masonry				Code 801				(31) Design Load - Unknown				0
Slab				Jointless bridge type: Not applicable				(63) Operating Rating Method - Allowable Stress (AS)				2
(44) Structure Type Appr: Other				Code 000				(64) Operating Rating				00.0
(45) Number of spans in main unit				001				(65) Inventory Rating Method - Allowable Stress (AS)				2
(46) Number of approach spans				0000				(66) Inventory Rating				00.0
(107) Deck Structure Type - Concrete Cast-in-Place				Code 1				(70) Bridge Posting				0
(108) Wearing Surface / Protective System:								(41) Structure - Open with shoring				D
A) Type of wearing surface - Bituminous				Code 6				Appraisal				Code
B) Type of membrane - Unknown				Code 8				(67) Structural Evaluation				2
C) Type of deck protection - None				Code 0				(68) Deck Geometry				2
								(69) Underclearances, vert. and horiz.				N
								(71) Waterway adequacy				7
								(72) Approach Roadway Alignment				7
(27) Year Built				1850				(36) Traffic Safety Features				0 0 0 0
(106) Year Reconstructed				1900				(113) Scour Critical Bridges				6
(42) Type of Service: On - Highway-Ped								Inspections				
Under - Waterway				Code 55				(90) Inspection Date 05/02/22				(91) Frequency 24 MO
(28) Lanes: On Structure 04				Under structure 00				(92) Critical Feature Inspection:				(93) CFI DATE
(29) Average Daily Traffic				033000				(A) Fracture Critical Detail				N 00 MO A) 00/00/00
(30) Year of ADT 2018 (109) Truck ADT				08 %				(B) Underwater Inspection				Y 12 MO B) 11/29/21
(19) Bypass, detour length				005 KM				(C) Other Special Inspection				Y 06 MO C) 11/14/22
								(*) Other Inspection ()				N 00 MO *) 00/00/00
								(*) Closed Bridge				N 00 MO *) 00/00/00
								(*) UW Special Inspection				N 00 MO *) 01/13/17
								(*) Damage Inspection				MO *) 00/00/00
Geometric Data								Rating Loads				
(48) Length of maximum span				0002.0M				Report Date 00/00/00				H20 Type 3 Type 3S2 Type HS
(49) Structure Length				00002.9M				Operating				0.0 0.0 0.0 0.0
(50) Curb or sidewalk: Left 02.7 M Right				00.0M				Inventory				0.0 0.0 0.0 0.0
(51) Bridge Roadway Width Curb to Curb				013.3M				Field Posting				
(52) Deck Width Out to Out				023.7M				Status				Posting Date 00/00/00
(32) Approach Roadway Width (w/shoulders)				013.3M				2 Axle 3 Axle 5 Axle Single				
(33) Bridge Median - No median				Code 0				Actual				
(34) Skew 00 DEG (35) Structure Flared				N				Recommended				
(10) Inventory Route MIN Vert Clear				99.99M				Missing Signs				N
(47) Inventory Route Total Horiz Clear				13.3M				Misc.				
(53) Min Vert Clear Over Bridge Rdwy				99.99M				Bridge Name				
(54) Min Vert Underclear ref				N 00.00M				N Anti-missile fence N Acrow Panel N Jointless Bridge				
(55) Min Lat Underclear RT ref				N 00.0M				Freeze/Thaw N : Not Applicable				
(56) Min Lat Underclear LT				00.0M				# Stairs On/Adjacent 0 Stair Owner(s)				
Navigation Data								Accessibility (Needed/Used)				
(38) Navigation Control - No navigation control on waterway				Code 0				N / N Liftbucket N / N Rigging N / N Other				
(111) Pier Protection				Code				N / N Ladder N / N Staging				
(39) Navigation Vertical Clearance				000.0 M				N / N Boat N / N Traffic Control				
(116) Vert-lift Bridge Nav Min Vert Clear				M				Y / Y Wader N / N RR Flagperson				Inspection Hours: 012
(40) Navigation Horizontal Clearance				0000.0 M				N / N Inspector 50 N / N Police				