



Town of Hopkinton, NH

Office of Select Board • 330 Main Street • Hopkinton, NH 03229-2627
Telephone: (603) 746-3170 E-mail: selectmen@hopkinton-nh.gov
Fax: (603) 746-2952 Web Address: www.hopkinton-nh.gov

SELECT BOARD BUDGET WORK SESSION AGENDA MONDAY, OCTOBER 24, 2016 - 5:30 PM HOPKINTON TOWN HALL

- I. CALL TO ORDER**
 - i. Pledge of Allegiance

- II. ADMINISTRATIVE**
 - i. Approval of Consent Agenda *Action Required (02)*
 - ii. Approval of the Minutes-Joint with School Board– October 17, 2016 *Action Required (03)*
 - iii. Approval of the Public Meeting Minutes – October 17, 2016 *Action Required (04)*
 - iv. Approval of the Non-Public Meeting Minutes – October 17, 2016-Session I *Action Required*
 - v. Approval of the Non-Public Meeting Minutes – October 17, 2016-Session II *Action Required*

- III. BUDGET PRESENTATION (05)**
 - i. 5:30 – Budget Introduction – Neal Cass
 - ii. 5:45 – Planning/Zoning – Karen Robertson
 - iii. 6:00 – Town Clerk/Tax Collector – Chuck Gangel
 - iv. 6:15 – Cemetery – Don Lane, Judy Hampe, Bob Gerseny
 - v. 6:30 – Conservation Commission – Jed Merrow
 - vi. 6:45 – Library – Donna Dunlap
 - vii. 7:00 – Finance – Deb Gallant
 - viii. 7:15 – Human Services – Marilyn Cerriello-Bresaw
 - ix. 7:30 – Executive/ Assessing/Legal/EDC/Health – Neal Cass

- IV. Update on Stickney Hill Road Bridge (06)**

- V. ADJOURNMENT**

The Select Board may enter into Non Public Session, if so voted, under the Terms and Conditions of
RSA 91-A:3 II a~e
All items on this agenda are subject to change without notice.



TOWN OF HOPKINTON
New Hampshire

Hopkinton Select Board
Hopkinton School Board

Joint Meeting

Monday, October 17, 2016
5:30 PM
Slusser Center



Above All, Care

PUBLIC SESSION

School Board Members Present: Dave Luneau, Henry Yianakopolis, William Jones and Matt Cairns.

Select Board Members Present: Jim O'Brien, Ken Traum, Sue Strickford, Bob Gerseny, and Steve Lux.

Staff Present: Steve Chamberlin-Superintendent of Schools, Robin Buchanan-Administrative Assessing Assistant, and Neal Cass-Town Administrator

1. Call to Order/Pledge of Allegiance

Hopkinton Select Board Chair Jim O'Brien opened the meeting at 5:30 pm and introduced the Select Board and School Board Members in attendance. Mr. Chamberlin led the Pledge of Allegiance.

2. Additions/Deletions from Agenda

3. Public Comment (1)

4. Comments from the Hopkinton School Board and Hopkinton Select Board

Mr. O'Brien thanked Town Administrator Neal Cass and Superintendent Steve Chamberlin for keeping both Boards on track.

Mr. Luneau thanked the Select Board and the Town Administrator and the School Administration for working closely together and noted that the meetings are very positive.

Mr. Cairns stated that budget season is beginning and the School Board will be meeting with the Budget Committee on Tuesday, October 18, 2016.

Other members of each Board attended the Cemetery Walk and Red Hawks football over the weekend.

Mrs. Strickford stated that HopkintonCares “Got Projects” was held on Saturday, October 15, 2016 and it pairs the elderly who need projects done with those in the community that can do those projects. She also noted that Mr. Chamberlin and Mr. Cass were among the volunteers who participated.

Mr. Lux stated it was nice to see that the sidewalks are almost completed.

5. Presentations and Staff Reports

Bob Gerseny and Meredith Astles, Economic Development Committee (EDC) Presentation:

Mr. Gerseny stated that in the past, the EDC has had a series of up and down. The committee is now focused on the “big picture.” He further stated that the EDC is trying to build an environment where people want to work and live. Mr. Gerseny continued that the EDC is planning a big presentation for the 2018 Town Meeting to open opportunities to enhance retailing, starter homes, work force house, senior housing and bring businesses to town, however, the EDC understands that finances are an issue.

Mr. Gerseny stated that for the 2017 Town Meeting, the EDC has 3 amendments that will be on the ballot, all concerning zoning changes. Currently, many properties are in two districts. The EDC is proposing to move the zoning lines to follow the property lines in the area of Route 202/9 and Route 127 (near Dunkin Donuts in Henniker), in the Maple Street area and on Kast Hill. Mr. Gerseny stated the EDC is currently in talks with Francis Hart who own the large farm on Kast Hill. Mr. Cairns inquired as to what the School could do to help. Mr. Gerseny stated just continue to be excellent. Mr. Cairns stated the School has many talented students and perhaps the EDC has some intern opportunities. Ms. Astles stated she is very interested with that prospect and would like to discuss it further at another time.

Mr. Gerseny mentioned the forming of the Contoocook Chamber of Commerce. Ms. Astles also noted the new town website and its focus on economic development.

6. Items for Discussion

a. Town of Gilford – Initiative – State Support of Retirement: Mr. O’Brien stated that the Town of Gilford sent an open letter to the State to reinstate the payments to NH Retirement that the State stopped paying and had shifted the burden to the towns and cities. Now the State has a surplus and should meet its commitment to towns and cities with regards to NH Retirement payments. Mr. O’Brien inquired if the School would like to co-sign that letter with the Select Board, as the schools were also affected by the cuts. Mr. Luneau believes this is a good idea and that the State needs to honor its commitment. Mr. Cairns stated that he will bring it to the School Board at tomorrow’s meeting for a vote. Mr. O’Brien will draft the letter.

b. Payment in Lieu of Taxes (PILOT) – Funds and Legislation: Mr. Luneau stated that after reading an article in the Concord Monitor that was unclear about how PILOTS (Payment in Lieu of Taxes) work. It was noted that the Town gets 100% of PILOTS. Mr. Cass explained that PILOTS are on properties that are considered tax exempt. However, many of these property owners enter into PILOTS, as they do use town services and the PILOTS are a form of

reimbursement. Mr. Cass also stated that most of the exempt properties in Hopkinton belong to town, state, and federal government.

c. Georges' Park and Related Items: Mr. Traum stated that George's Park is owned by the Town and not the School; however George's Park is used for school activities. Discussion ensued, with regards to the School obtaining ownership or management of the park. Mr. Cairns stated there has been some talk of George's Park during School Board meetings; however, the School Board needs to do more research on the matter.

d. Hopkinton/Hillsboro-Deering Football Program: Mr. Luneau stated this is the first year that the Red Hawks are playing at varsity level. There are 35 players, 61% from Hopkinton. The biggest concern is the home game venue. Right now, games are played at Houston field. However, there is a lack of parking, and bathroom facilities are not adequate. He noted it was cut from the budget last year, but was put back in the budget at Town Meeting. Mr. Luneau stated it is clearly an important part of the school.

Mr. O'Brien stated the Board has been supportive of football; however the Town struggles with field use. The Field Schedule is difficult to put together due to the amount of teams and lack of fields that we have. The cost of maintenance, the lack of parking and bathroom facilities are real issues and we need to have a better handle on it.

Mr. Gerseny inquired if the School Board has a plan for the future of football. Mr. Chamberlin stated that originally Hillsboro had the majority of players on the team and there was talk of building a field in Hillsboro for the games. However, Hillsboro Deering was not able to invest the money into it. Mr. Chamberlin stated the football program will be reviewed at the end of this season and he will have a better handle on it after that meeting.

e. Annual Meeting Schedules

i. School District Meeting Date – Saturday, March 11, 2017

ii. Town Meeting Date – Saturday, March 18, 2017

Mr. Cass stated that voting will be held on Tuesday, March 14, 2017.

f. Town Initiatives: Working with EDC to bring more economic development to town. Mr. Traum stated the Road Committee is working with Complete Streets. Complete Streets goal is to have all streets safe for all types of traffic, cars, bicycles, and pedestrians.

g. School District Initiatives: There will be a deep review of all school policies, as some of the policies are outdated.

The Steering Committee with regards to the school buildings, will be receiving a new charge for the committee. It will be based on three (3) buildings for a plan and costs for correcting security issues within the school.

h. Possible Budget Drivers:

i. School District: Mr. Cairns stated the drivers this year will be the cost of health insurance and full day kindergarten.

ii. Town: Mr. O'Brien stated the goal for the Town is not to increase the tax rate; however, we have committed to a salary increase for employees. Also health insurance costs will increase the Town budget as well.

i. Next Meeting Date: To be determined.

7. Public Comment (2): Ginni Haines would like the School Board meeting to be noted on the Meeting Calendar on the Town's website. Mr. O'Brien stated the information needs to be sent to Ms. Buchanan.

8. Adjournment: There being no further business for the joint boards, the meeting adjourned at 6:55 pm.

Respectfully submitted,

Robin Buchanan
Administrative Assessing Assistant



Town of Hopkinton, NH

Office of Selectmen • 330 Main Street • Hopkinton, NH 03229-2627

Telephone: (603) 746-3170
Fax: (603) 746-2952

E-mail: selectmen@hopkinton-nh.gov
Web Address: www.hopkinton-nh.gov

**SELECT BOARD
PUBLIC MEETING MINUTES
MONDAY, OCTOBER 17, 2016
HOPKINTON TOWN HALL
APPROVED _____**

I. CALL TO ORDER

Select Board Chair Jim O'Brien called this regular meeting of the Select Board to order at 7:00 p.m. on Monday, October 17, 2016 at the Town Hall.

Members Present: Jim O'Brien, Ken Traum, Sue B. Strickford, Steve Lux, Jr. and Bob Gerseny

Staff Present: Neal Cass, Town Administrator, and Robin Buchanan, Administrative Assessing Assistant

Public Present: Ken Wilkens, Janet Krzyzaniak, Shawn Murray, Interim Fire Chief, Chuck Gangel, Town Clerk/Tax Collector, Steve Pecora Police Chief, Richard Walter and members of the Hopkinton Police Department

II. ADMINISTRATIVE

The Board members reviewed documents for signature and approved unanimously (5-0) the Consent Agenda, on motion made by Mr. Traum and seconded by Mr. Gerseny.

ACCOUNTS PAYABLE MANIFEST	31,327.20
	50,267.42

PAYROLL MANIFEST	64,675.44
-------------------------	-----------

BUILDING PERMITS

YaYa Organics change of use It manufacturing assembly 633 Maple Map 227 Lot 44

Hopkinton Woman's Club Raffle Permit

Jason Holmes new residence Moran Rd Map 215 Lot 14.2

SunRay Solar solar 852 Broad Cove Map 247 Lot 15

Michael White garage 178 S. Shore Dr Map 258 Lot 55

Brian Roy Renovation 781 Hopkinton Road Map 258 Lot 29

LETTER OF COMMITMENT-Household Hazardous Waste Clean Up

APPOINTMENT

Richard C. Walter, Jr. Police new hire part-time

PAF Police Department

Part time hire Richard Walter, Jr.

INTENT TO CUT

Shaun Geary & Ashley Fox Map 216 Lot 9

Thank you letter to Bob Strine re: Rowell Bridge

Approval of Minutes:

The Board reviewed the Select Board Meeting Minutes of Monday, October 3, 2016. Mr. Traum made a motion, seconded by Mr. Lux, to approve the Public Meeting Minutes of October 3, 2016. There being no discussion, Chair O'Brien called for a vote.

VOTE: O'Brien, Traum, Strickford, Lux and Gerseny voting in favor of the motion;
no votes against; MOTION APPROVED 5-0.

The Board reviewed the Select Board Non Public Meeting Minutes of Monday, October 3, 2016, Session I. Mr. Traum made a motion, seconded by Mrs. Strickford, to approve the Non Public Meeting Minutes of October 3, 2016, Session I.

VOTE: O'Brien, Traum, Strickford and Gerseny voting in favor of the motion;
no votes against; Lux abstaining. MOTION APPROVED 4-0-1.

The Board reviewed the Select Board Non Public Meeting Minutes of Monday, October 3, 2016, Session II. Mr. Traum made a motion, seconded by Mrs. Strickford, to approve the Non Public Meeting Minutes of October 3, 2016, Session II.

VOTE: O'Brien, Traum, Strickford and Gerseny voting in favor of the motion;
no votes against; Lux abstaining. MOTION APPROVED 4-0-1.

VII. PUBLIC FORUM

Janet Krzyzaniak inquired if the Hopkinton Fair Association appointed any Hopkinton residents to the Board. Chairman O'Brien stated we sent them a list of prospective board members, however, there was no requirement for the Fair Board to put any resident on their Board. Mr. Cass will set up a meeting after budgets are done.

Mrs. Krzyzaniak also stated that the Highway Department is doing a great job.

IV. APPOINTMENTS**1. Swearing in of Part-time Patrol Officer Richard Walter**

Police Chief Steve Pecora gave a brief history of Mr. Walter's 20 years in law enforcement. Chairman O'Brien swore Mr. Walter in.

2. Chuck Gangel, Town Clerk/Tax Collector NON PUBLIC SESSION**NON-PUBLIC SESSION IV-RSA 91-A: 3 IV (a) Personnel**

Mr. Gerseny moved to go into a non-public session regarding the hiring of a public employee under the provisions of Nonpublic Session RSA 91-A: 3 II (b). Mr. Lux seconded the motion.

Mr. O'Brien recused himself from the nonpublic session.

VOTE: Select Board Members Strickford, Lux, Gerseny and Vice Chair Traum voted in favor, and the Vice Chair declared the motion to have carried unanimously (4-0).

The Board, Town Clerk/Tax Collector Chuck Gangel and the Town Administrator went into nonpublic session, as recorded separately, at 7:15 p.m. The Board returned to public session at 8:00 p.m.

Vote to seal nonpublic minutes:

Mr. Gerseny moved to seal the minutes of the just completed nonpublic session indefinitely. Mrs. Strickford seconded the motion.

VOTE: Select Board Members Strickford, Lux, Gerseny, and Vice Chair Traum voted in favor, and the Vice Chair declared the motion to have carried unanimously (4-0).

3. Shawn Murray, Interim Fire Chief

Interim Fire Chief Murray updated the Board on the Fire Department with his 6 month report, including administration overview, facilities, apparatus, fire inspections/prevention and personnel/organization. Interim Fire Chief Murray stated the Ladies Auxiliary will be having a Blood Drive on Friday, October 28, 2016 from 2:00 pm to 7:00 pm at the Contoocook Fire Station. Mrs. Strickford inquired about recruiting volunteers. Interim Fire Chief Murray stated recruitment needs to be; however, there are costs involved, as well as availability of classes, purchasing of protective clothing and commitment, many do not finish. Discussion ensued, with regards to moving forward with hiring a permanent fire chief. Discussion ensued, with regard to the delegation of work.

A discussion ensued, with regards to second ambulance call response time.

Mrs. Strickford inquired about a transition point as she is not in favor of keeping an interim chief for 18 months. Interim Fire Chief Murray stated there is still more work to be done in order for a permanent chief to transition into the position.

IX. OTHER

Janet Krzyzaniak inquired as to the total amount of the Road Bond. Mr. Cass replied \$2.2 million. Mrs. Krzyzaniak inquired as to how much of that has been expended. Mr. Cass replied less than \$600,000.

Mr. Lux noted the work done to Rowell Bridge. Mr. Lux also stated that he has completed the perambulation with Henniker. It was an 8 mile line and it took all day to complete, as some of the terrain was very rough.

Mr. Lux also noted that Halloween at the Depot will be held on Monday, October 31, 2016 from 5:00 pm to 8:00 pm.

Chairman O'Brien stated he will not be at the meeting on Monday, October 24, 2016.

Mr. Lux left the meeting.

NON-PUBLIC SESSION IV-RSA 91-A: 3 IV (a) Personnel

Mr. Traum moved to go into a non-public session regarding a personnel issue under the provisions of Nonpublic Session RSA 91-A: 3 II (a). Mr. Gerseny seconded the motion.

VOTE: Select Board Members Traum, Strickford, Gerseny, and Chair O'Brien voted in favor, and the Chair declared the motion to have carried unanimously (4-0).

The Board Interim Fire Chief Shawn Murray, and the Town Administrator went into nonpublic session, as recorded separately, at 8:42 p.m. The Board returned to public session at 9:43 p.m.

Vote to seal nonpublic minutes:

Mr. Traum moved to seal the minutes of the just completed nonpublic session for a period of 2 years. Mr. Gerseny seconded the motion.

VOTE: Select Board Members Traum, Strickford, Gerseny, and Chair O'Brien voted in favor, and the Chair declared the motion to have carried unanimously (4-0).

ADJOURNMENT

There being no further business, motion by Mr. Traum, seconded by Mrs. Strickford to adjourn the meeting. Vote 4-0 in favor of the motion. The meeting adjourned at 9:45 p.m.

Respectfully submitted,

Robin Buchanan
Administrative Assessing Assistant



THE STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION



October 20, 2016

Victoria F. Sheehan Commissioner

William Cass, P.E. Assistant Commissioner

Post-it Fax Note 7671. Date 10/20/16 # of pages 6. To Neal Cass From Nancy Mayville. Co. NH DOT. Phone # 746-3170 Phone # 271-1609. Fax # 746-2952 Fax # 271-8093

Neal Cass, Town Administrator
Town of Hopkinton
330 Main Street
Hopkinton, NH 03229

SUBJECT: CRITICAL BRIDGE DEFICIENCY
Hopkinton Bridge #178/039 - Stickney Hill Road over Boutwell Mill Brook

Dear Mr. Cass:

During a recent municipal bridge inspection, the following bridge deficiency was noted:

This structure has continued to deteriorate steadily since it was added to the Municipal Red List in 2013. The corrugated steel culvert exhibits widespread moderate to heavy corrosion and scale at or near the ordinary water elevation with many areas holed through. In some areas, the corrosion, pitting and holes result in section loss of approximately 65-70% with up to 85% section loss observed in the worst areas. The invert of the pipe is covered by approximately 1ft of sediment and is unable to be inspected.

The bridge does not currently have a weight limit posting.

This deterioration has reduced the safe calculated live load capacity, resulting in a required posting of "WEIGHT LIMIT 6 TONS" for the short-term. However, without action, this bridge will likely require a reduced weight limit posting or closure in the near future. The municipality should monitor this structure closely for signs of further deterioration.

Due to this structural deficiency this bridge is included on the Department's Municipal Red List of deficient bridge structures. It is in need of complete replacement or extensive rehabilitation to continue to carry all legal loads.

We are a copy of the inspection report for your use. Please keep us informed of any actions taken by the town so we can keep our records current. If you have any questions or comments, please contact us.

Sincerely,

[Handwritten signature of Nancy J. Mayville]

Nancy J. Mayville, P.E.
Municipal Highways Engineer
Bureau of Planning and Community Assistance
Telephone: (603) 271-1609 / Fax: (603) 271-8093

NJM/sa
Enclosure

cc: Hopkinton Superintendent of Public Works
Commissioner, Department of Education

S:\Planning\Community Assistance\1-Municipalities\Hopkinton\Bridgeinsp\Critical 178-039 10-20-16.doc

NH Department of Transportation

Bureau of Bridge Design
Existing Bridge Section

Bridge Inspection Report

Hopkinton 178/039

NBI Element FC U/W Special

Date of Inspection: 10/18/2016

STICKNEY HILL ROAD

Date Report Sent: 10/20/2016

Over

Picture taken during inspection

BOUTWELL MILL BROOK

Owner: Municipality

Critical Deficiency Status *Ongoing corrosion-related deterioration has reduced the load capacity for this structure. Critical Deficiency letter sent 10/20/16.*

Recommended Postings:

Weight: 'Weight Limit 6 Tons'

Weight Sign OK

Width: Not Required

Width Sign OK

Primary Height Sign Recommendation: *None*

Clearances: Over:
(Feet) Under: 0.00
Route:

Height Signs OK

Optional Centerline Height Sign Rec: *None*

Condition: Municipal Redlist

Structure Type and Materials:

Deck: N N/A (NBI)

Number of Spans Main Unit: 1

Superstructure: N N/A (NBI)

Number of Approach Spans: 0

Substructure: N N/A (NBI)

Culvert: 3 Serious

Main Span Material and Design Type

Steel Culvert

Sufficiency Rating: 40.9%

NBI Status: Not Applicable

Bridge Rail: N/A or Not Required

Rail Transition: N/A or Not Required

Bridge Approach Rail: Meets Standards

Approach Rail Ends: Substandard

NH Bridge Type: Metal Pipe

Deck Type: No Deck (N/A - NBI)

Wearing Surface: No Deck (N/A - NBI)

Membrane: No Deck (N/A - NBI)

Deck Protection: No Deck (N/A - NBI)

Pavement thickness: Not Applicable

Curb Reveal: Not Applicable

Plan Location: Unknown

Bridge Dimensions:

Length Maximum Span: 10.0 ft

Total Bridge Length: 10.0 ft

Left Curb/Sidewalk Width: 0.0 ft

Right Curb/Sidewalk Width: 0.0 ft

Width Curb to Curb: 0.0 ft

Total Bridge Width: 0.0 ft

Approach Roadway Width (W/ Shoulders): 20.0 ft

Median: No median

Bridge Skew: 15.00 °

Bridge Service:

Type of Service on Bridge: Highway

Year Built: 1984

Type of Service under: Waterway

Year Rebuilt: Not Rebuilt

Lanes on bridge: 2

Detour Length: 1.0 mi

Lanes Under: NA

AADT: 480

Percent Trucks: 0%

Year of AADT: 2015

Future AADT: 710

Year of Future AADT: 2035

NH Department of Transportation

Bureau of Bridge Design

Existing Bridge Section

Bridge Inspection Report

Hopkinton 178/039

 NBI
 Element
 FC
 U/W
 Special

Federal or State Definition Bridge: NH Definition Bridge

Roadway Functional Class: Rural Local

New Hampshire Highway System and Class: Municipal Highway

Eligibility for the National Register of Historic Places: Not Eligible

Traffic Direction: Two-way traffic

National Bridge Inventory (NBI) Appraisal Ratings:

Deck Geometry: Not Applicable (NBI)

Underclearances: Not Applicable (NBI)

Approach Alignment: Equal Desirable Criteria

Structural Evaluation: Intolerable, Replacement

Channel/Channel Protection: Minor Damage

Waterway Adequacy: Equal Desirable Criteria

Bridge Scour Critical Status: Stable for extreme flood

Riprap Condition: Good Condition

Debris Present: Debris Present

LARGE STONE ON INVERT AT EAST.

Date of Underwater Inspection: Not Applicable

AASHTO CoRe Element Condition State Data:

No.	Description	Env.	Material Notes and Condition Notes
240	Culvert (includes Steel, Aluminum and Galvanized)	Moderate	CORRUGATIONS: 6" X 2" X 12 GAUGE. COVER- APPROXIMATELY 2' TO 3'. HEAVY SAND DEBRIS, 1+ ON INVERT. THIN AREAS WITH HEAVY RUSTING AND SCALE AT WATERLINE; ABLE TO PENETRATE PEAKS WITH A POINTED HAMMER ABOVE SPRINGLINE THROUGHOUT. HOLED AT SPRINGLINE ON SOUTH AND NORTH, APPROXIMATELY A 10' AREA WITH 65% TO 70% SECTION LOSS; WITHIN THESE AREAS THERE IS A 3' SECTION AT SOUTH WITH 80% TO 85% SECTION LOSS AND A 2' SECTION WITH 75% TO 80% AT NORTH. MINOR SAG AT ROOF BOLTLINES.
363	Section Loss Condition Warning Flag	Moderate	HOLED AT SPRINGLINE ON SOUTH AND NORTH, APPROXIMATELY A 10' AREA WITH 65% TO 70% SECTION LOSS. ABLE TO PENETRATE PEAKS WITH A POINTED HAMMER ABOVE SPRINGLINE THROUGHOUT.

No.	Description	Env.	Quantity	Units	State 1	State 2	State 3	State 4	State 5
240	Culvert (includes Steel, Aluminum and C	Moderate	52	(LF)	0 %	0 %	80 %	20 %	
363	Section Loss Condition Warning Flag	Moderate	1	(EA)	0 %	0 %	0 %	100 %	

Bridge Notes:

ADDED TO MUNICIPAL REDLIST DUE TO CONTINUING DETERIORATION (6/25/2013). CORRUGATIONS: 6" X 2" X 12 GAUGE. COVER- APPROXIMATELY 2' TO 3'. USED POSITECTOR .110 (10/7/2014.)

NH Department of Transportation

Bridge Inspection Report

Bureau of Bridge Design
Existing Bridge Section

Hopkinton 178/039

NBI Element FC U/W Special

Inspection Notes: 10/18/2016

NJL inspection comments -

CULVERT: MP- HEAVY SAND DEBRIS, 1'+ ON INVERT. THIN AREAS WITH HEAVY RUSTING AND SCALE AT WATERLINE; ABLE TO PENETRATE PEAKS WITH A POINTED HAMMER ABOVE SPRINGLINE THROUGHOUT. HOLED AT SPRINGLINE ON SOUTH AND NORTH, APPROXIMATELY A 10' AREA WITH 65% TO 70% SECTION LOSS; WITHIN THESE AREAS THERE IS A 3' SECTION AT SOUTH WITH 80% TO 85% SECTION LOSS AND A 2' SECTION WITH 75% TO 80% AT NORTH. MINOR SAG AT ROOF BOLTLINES.

PICTURES: D194- 37 & 38.

Approach and Roadway Notes: ASPHALT- CRACKED ON APPROACHES. W-RAIL- MINOR DAMAGE. TIMBER POST BROKEN AT SOUTHEAST.

Inspection History:

Inspection Date	Inspector	Major Element Condition Ratings
10/18/2016	NJL	Deck: N Super: N Substr: N Culvert: 3
10/14/2015	NJL	Deck: N Super: N Substr: N Culvert: 3
10/07/2014	NJL	Deck: N Super: N Substr: N Culvert: 4
10/03/2013	NJL	Deck: N Super: N Substr: N Culvert: 4
06/25/2013	NJL	Deck: N Super: N Substr: N Culvert: 4
06/20/2011	MHC	Deck: N Super: N Substr: N Culvert: 5
09/04/2009	KLM	Deck: N Super: N Substr: N Culvert: 5
08/16/2007	FNM	Deck: N Super: N Substr: N Culvert: 5
08/11/2005	JEL	Deck: N Super: N Substr: N Culvert: 5
07/02/2003	FNM	Deck: N Super: N Substr: N Culvert: 5
08/09/2001	JEL	Deck: N Super: N Substr: N Culvert: 6
01/30/2001	JEL	Deck: N Super: N Substr: N Culvert: 7
02/23/1999	RLM	Deck: N Super: N Substr: N Culvert: 7
02/01/1997	Not Available	Deck: N Super: N Substr: N Culvert: 7
01/01/1995	Not Available	Deck: N Super: N Substr: N Culvert: 7
01/01/1993	Not Available	Deck: N Super: N Substr: N Culvert: 7

Copy Distribution:

- (2) Bureau of Municipal Hghways
- (3) Bureau of Municipal Hghways
- Bureau of Turnpikes

- Border State
- Bureau of Rail and Transit
- Army Corps Of Engineers
- Railroad

- Dept. of Res. and Econ. Dev.
- Dept. of Environmental Services
- USDA Forest Service
- Bureau of Traffic

Form 4
N.H. D.O.T.

TOWN: HOPKINTON

BRIDGE NUMBER: 1781039

DESIGN LOAD: UNKNOWN DESIGN METHOD: UNKNOWN

RATED BY: JTP DATE: 10/20/2016

RATING METHOD: LOAD FACTOR PLAN FILE: UNKNOWN

CHECK BY: NBC DATE: 10/20/16

ROUTE: STICKNEY HILL ROAD OVER: BOUTWELL MILL BROOK

BRIDGE CAPACITY SUMMARY

RATED MEMBER	LONGITUD. EFFECTIVE SPAN LENGTH	REQUIRED CAPACITY (HS Tons)		AVAILABLE CAPACITY (HS Tons)		POSTING		
		CURRENT LEGAL LOADS	CERTIFIED VEHICLES SINGLE UNIT	MULTIPLE LANES LOADED INVENTORY	SINGLE LANES LOADED INVENTORY			
Corrugated Steel Pipe Arch (2'-0" fill, 10'-3" span, 85% losses)	3'-6"	HS 14.0	HS 15.4	HS 15.4	HS 4.8	HS 7.2	HS 8.8	HS 7.8
Rating Method (Op.) 63. LF 14.6 (Inv.) 65. LF 8.6							English Tons 64 (Op.) 14.6 66 (Inv.) 8.6	
							Metric Tons 13.2 7.8	

RECOMMENDED POSTING: "WEIGHT LIMIT 6 TONS"



HOPKINTON 178/039

STICKNEY HILL ROAD over BOUTWELL MILL BROOK

Tuesday, October 18, 2016

3' SECTION AT SOUTH
WITH 80% TO 85% SECTION
LOSS. (MRL)



D194 37

Tuesday, October 18, 2016

2' SECTION AT NORTH
WITH 75% TO 80% SECTION
LOSS. (MRL)



D194 38