

1. 7:00 P.M. Committee Of Ways & Means

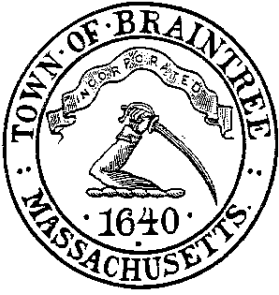
Documents:

[19 APRIL 2 W-M AGENDA.PDF](#)

2. 7:00 P.M. Committee Of Ways & Means

Documents:

[19 APR 2 WM MEETING.PDF](#)



Braintree Town Council
Committee of Ways & Means
One JFK Memorial Drive
Braintree, Massachusetts 02184

MEMBERS

Thomas M. Bowes, Chairman
Shannon L. Hume, Vice-Chairman
Stephen C. O'Brien, Member
Timothy P. Carey, Member
Thomas W. Whalen, Member

AGENDA

Tuesday, April 2, 2019

Starting Time – 7:00p.m.

Cahill Auditorium, Town Hall

1. Pledge of Allegiance/Moment of Silence
2. Roll Call
3. Approval of Minutes
 - February 19, 2019
4. Old Business
 - None
5. New Business
 - 19 012 Superintendent of Schools: Statement of Interest (SOI) with the MSBA for Braintree High School or take up any action relative thereto
 - 017 19 FY2020 Budget Review Schedule or take up any action relative thereto
6. Adjournment



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MINUTES

February 19, 2019

A meeting of the Committee of Ways & Means was held in the Cahill Auditorium, Braintree Town Hall, on Tuesday, February 19, 2019 at 6:30p.m.

Councilor Bowes was in the Chair.

Clerk of the Council conducted the roll call.

Present: Thomas Bowes, Chairman
Shannon Hume, Vice-Chairman
Stephen O'Brien, Member
Thomas Whalen, Member
Timothy Carey, Member

Also Present: Joseph Reynolds, Chief of Staff
Ed Spellman, Finance Director
Nelson Chin, Recreation Director
James Arsenault, DPW Director
Debra A. Saucier, DPW Financial Analyst
Dan Sullivan, Town Auditor

The meeting was opened with the pledge of allegiance to the flag followed by a moment of silence for all those serving in our armed services, past and present.

Approval of Minutes

- None

Old Business

- **19 003 Mayor: Request to Approve the Fiscal Year 2019 Capital Plan or take up any action relative thereto**

Motion by Councilor Hume to TAKE off the TABLE Order 19 003

Motion: by Councilor Hume to TAKE off the TABLE Order 19 003

Second: by Councilor O'Brien

Vote: For (5– Bowes, Carey, Hume, O'Brien, Whalen), Against (0), Absent (0), Abstain (0)

- **19 004 Mayor: Request for Appropriation - Fiscal Year 2019 General Fund Capital Budget or take up any action relative thereto**

Motion by Councilor Hume to TAKE off the TABLE Order 19 004

Motion: by Councilor Hume to TAKE off the TABLE Order 19 004

Second: by Councilor O'Brien

Vote: For (5– Bowes, Carey, Hume, O'Brien, Whalen), Against (0), Absent (0), Abstain (0)

- **19 005 Mayor: Request for Appropriation – Fiscal Year 2019 Enterprise Funds Capital Budget or take up any action relative thereto**

Motion by Councilor Hume to TAKE off the TABLE Order 19 005

Motion: by Councilor Hume to TAKE off the TABLE Order 19 005

Second: by Councilor O'Brien

Vote: For (5– Bowes, Carey, Hume, O'Brien, Whalen), Against (0), Absent (0), Abstain (0)

- **19 006 Mayor: Request for Appropriation – Fiscal Year 2019 Capital Budget - Other Available Funds or take up any action relative thereto**

Motion by Councilor Hume to TAKE off the TABLE Order 19 006

Motion: by Councilor Hume to TAKE off the TABLE Order 19 006

Second: by Councilor O'Brien

Vote: For (5– Bowes, Carey, Hume, O'Brien, Whalen), Against (0), Absent (0), Abstain (0)

Councilor Hume asked where the new Fire Headquarters report is.

Joe Reynolds, Chief of Staff stated the report is not in its completed state. There are various options as part of that report. We will complete the recommendations on this report and we will be able to publish it. The availability for space is a main driver.

Councilor Hume asked about the \$75,000 for Municipal License and Inspections Department.

Joe Reynolds, Chief of Staff stated this is for ADA use.

Councilor Hume asked about the traffic calming initiative.

Joe Reynolds, Chief of Staff stated Traffic Calming Neighborhood requests have been chosen and they will decide what they would like in their neighborhood. We are the clearing house of that and the mayor's office is providing technical assistance, subject matter expertise, suggestions, we have our town engineer, dpw and highway team and the mayor's office as part of this process. We identify if they have been accepted or haven't been. We then work with what their designs and requests are. We look to be sure it will be an overall improvement to the adjacent and abutting neighborhoods.

Councilor Hume stated thank you to Nelson Chin for the work on Perry Park. It is a long time in the making. I appreciate all your work. It is well over due.

Nelson Chin, Recreation Director stated there were multiple quotes received. Hopefully by April 15, 2019 it will go to the contractor with an estimated completion date of May 30, 2019.

Councilor O'Brien asked about the memo from Kelly Phelan on the Middle Street trail and parking. Why more money for this?

Joe Reynolds, Chief of Staff stated we have funds available but if we put it up the state will give us additional grant money to complete this.

Councilor O'Brien stated the ERP project is the initial cost and it can spin out of control with additional programs. The Town Auditor, Dan Sullivan gave great input to this; including 10 questions from the auditors. I am satisfied this is right for the town.

Dan Sullivan, Town Auditor, (Clifton,Larson,Allen) stated we were not involved in the selection committee but looked at the different products the town had looked at and the Munis product is a company that I had worked with as an independent auditor and also working at many towns in Massachusetts for the past 25 years. I would have selected this one too. Their support is excellent. It is a product that the company keeps putting a lot of resources into. They have a national conference every single year and last year it was held in Boston. I attend these frequently. We help with implementations.

Councilor O'Brien stated what is critical for these are the chart of accounts. This product allows for a chart of accounts to be built for great reporting.

Dan Sullivan, Town Auditor stated the chart of accounts is the foundation. This is what we want to be involved with. We do this work but we are users of this system as part of our job here so we would want to make sure a good amount of effort is put into that. You can get all the financial reporting, internal controls, all the best benefits out of the system.

Councilor Hume asked when the tour of the evidence room will be.

Joe Reynolds, Chief of Staff stated he will follow up and get back to Council.

Councilor Whalen asked about the Middle Street walking path and if that will be part of the river walk. Maybe they could put an arched bridge for the parking on the other side.

Joe Reynolds, Chief of Staff stated that will be incorporated into the Riverwalk. We welcome your participation in the suggestions for a design of an arched bridge.

Councilor Whalen asked if the other two towns are still reluctant to pay for their portion of the Water Treatment Plant.

Joe Reynolds stated they are reviewing their own capabilities considering the costs at this point in time or using time to squirrel away monies to manage their finances. I received information that right now is not the time for the purchase to be made by our partners.

Councilor Bowes asked why can't we build this ourselves and make them buy water from us.

James Arsenault, DPW Director stated we have a tri-town meeting next month. We will sit down and discuss where we are going. We should know a lot better next month.

Motion(s) read by Councilor Hume for favorable recommendation to the full Council:

- **19 003 Mayor: Request to Approve the Fiscal Year 2019 Capital Plan or take up any action relative thereto**

MOTION: To Approve the Fiscal Year 2018 Capital Plan as submitted

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

- **19 004 Mayor: Request for Appropriation - Fiscal Year 2019 General Fund Capital Budget or take up any action relative thereto**

ORDERED:

That the Town of Braintree appropriates the sum of Four Million Two Hundred Thirty-Five Thousand Dollars (\$4,235,000) to pay costs of the following capital projects:

Project	Amount	Authorizing Statute
Roadway resurfacing	1,700,000	Ch. 44, s 7(1)
Town Wide Computer System	945,000	Ch. 44, s 7(1)
Town Wide Radio System Migrations	92,000	Ch. 44, s 7(1)
Middle St. Engineering & Design	100,000	Ch. 44, s 7(1)
DPW Parks and Grounds Trash Truck	150,000	Ch. 44, s 7(1)
Fire Brush Truck	188,000	Ch. 44, s 7(1)
DPW Facilities 4x4 Truck w Plow	60,000	Ch. 44, s 7(1)
DPW Highway Truck w Plows	100,000	Ch. 44, s 7(1)
DPW Highway Sidewalk Plow	100,000	Ch. 44, s 7(1)
DPW Parks Equip. & Court Repairs	100,000	Ch. 44, s 7(1)
School Technology	200,000	Ch. 44, s 7(1)
Town Hall Renovations	500,000	Ch. 44, s 7(1)

and for the payment of all other costs incidental and related thereto; that the amounts indicated above for each project are estimates and that the Mayor may allocate more funds to any one or more of such projects, and less to others, so long as, in the judgment of the Mayor, each of the projects described above can be completed within the total appropriation made by this Order; that to meet this appropriation, the Treasurer, with the approval of the Mayor, is authorized to borrow said amount under and pursuant to the authorizing statutes described above, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor. Any premium received by the

Town upon the sale of any bonds or notes approved by this order, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to the payment of costs approved by this order in accordance with Chapter 44, Section 20 of the General Laws, thereby reducing the amount authorized to be borrowed to pay such costs by a like amount.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

- **19 005 Mayor: Request for Appropriation – Fiscal Year 2019 Enterprise Funds Capital Budget or take up any action relative thereto**

Motion(s) read by Councilor Hume for favorable recommendation to the full Council:

ORDERED:

That the Town of Braintree appropriates the sum of Three Million Dollars (\$3,000,000) to pay costs of Town-wide water distribution system improvements, and for the payment of all other costs incidental and related thereto and that to meet this appropriation, the Treasurer, with the approval of the Mayor, is authorized to borrow said amount under and pursuant to Chapter 44, Section 8 of the General Laws, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor. Any premium received by the Town upon the sale of any bonds or notes approved by this order, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to the payment of costs approved by this order in accordance with Chapter 44, Section 20 of the General Laws, thereby reducing the amount authorized to be borrowed to pay such costs by a like amount.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

ORDERED:

That the Town of Braintree appropriates the sum of Two Million Twenty Thousand Dollars (\$2,020,000) to pay costs of wastewater system rehabilitation projects phase #11, and for the payment of all other costs incidental and related thereto and that to meet this appropriation, the Treasurer, with the approval of the Mayor, is authorized to borrow said amount under and pursuant to Chapter 44, Section 7(1) of the General Laws, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor. Any premium received by the Town upon the sale of any bonds or notes approved by this order, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to the payment of costs approved by this order in accordance with Chapter 44, Section 20 of the General Laws, thereby reducing the amount authorized to be borrowed to pay such costs by a like amount.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

ORDERED:

That the Town of Braintree appropriates the sum of Two Million Twenty Thousand Dollars (\$2,020,000) to pay costs of wastewater system rehabilitation projects phase #12, and for the payment of all other costs incidental and related thereto and that to meet this appropriation, the Treasurer, with the approval of the Mayor, is authorized to borrow said amount under and pursuant to Chapter 44, Section 7(1) of the General Laws, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor. Any premium received by the Town upon the sale of any bonds or notes approved by this order, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to the payment of costs approved by this order in accordance with Chapter 44, Section 20 of the General Laws, thereby reducing the amount authorized to be borrowed to pay such costs by a like amount.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

ORDERED:

That the Town of Braintree appropriates the sum of Two Million Twenty Thousand Dollars (\$2,020,000) to pay costs of wastewater system rehabilitation projects phase #13, and for the payment of all other costs incidental and related thereto and that to meet this appropriation, the Treasurer, with the approval of the Mayor, is authorized to borrow said amount under and pursuant to Chapter 44, Section 7(1) of the General Laws, or pursuant to any other enabling authority, and to issue bonds or notes of the Town therefor. Any premium received by the Town upon the sale of any bonds or notes approved by this order, less any such premium applied to the payment of the costs of issuance of such bonds or notes, may be applied to the payment of costs approved by this order in accordance with Chapter 44, Section 20 of the General Laws, thereby reducing the amount authorized to be borrowed to pay such costs by a like amount.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

- **19 006 Mayor: Request for Appropriation – Fiscal Year 2019 Capital Budget - Other Available Funds or take up any action relative thereto**

Motion(s) read by Councilor Hume for favorable recommendation to the full Council:

1) Town Wide

MOTION: That the sum of \$18,749 be transferred from Fiscal Year 2018 Certified Free Cash to the Fire Department Radio Repeater account.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

2) Police Department

MOTION: That the sum of \$210,436 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase three Marked Cruisers.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

3) Police Department

MOTION: That the sum of \$ 84,266 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of Tasers.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

4) Police Department

MOTION: That the sum of \$ 14,567 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of Automated External Defibrillators.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

5) Police Department

MOTION: That the sum of \$13,738 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of an Evidence Containments Area.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

6) Police Department

MOTION: That the sum of \$9,440 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of Records Storage.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

7) Police Department

MOTION: That the sum of \$ 23,304 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of Personal Protection Equipment.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

8) Police Department

MOTION: That the sum of \$ 38,851 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of Portable Radios.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

9) Police Department

MOTION: That the sum of \$ 22,100 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of Desktop Processing Equipment.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

10) Fire Department

MOTION: That the sum of \$85,000 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of Bunker Gear.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

11) Fire Department

MOTION: That the sum of \$9,000 be transferred from Fiscal Year 2018 Certified Free Cash for replacing an Extractor.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

12) School Department

MOTION: That the sum of \$100,000 be transferred from Fiscal Year 2018 Certified Free Cash for the purpose of purchasing Munis ERP software system.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

13) School Department

MOTION: That the sum of \$244,070 be transferred from Fiscal Year 2018 Certified Free Cash for paying the ESCO Projects first years interest expense .

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

14) Elder Affairs Department

MOTION: That the sum of \$10,000 be transferred from Fiscal Year 2018 Certified Free Cash for the purpose of roof repairs at the Elder Affairs building.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

15) Elder Affairs Department

MOTION: That the sum of \$ 12,000 be transferred from Fiscal Year 2018 Certified Free Cash for the boiler repairs at the Elder Affairs building.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

16) DPW Engineering Department

MOTION: That the sum of \$18,000 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of Traffic Management Software.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

17) DPW Engineering Department

MOTION: That the sum of \$50,000 be transferred from Fiscal Year 2018 Certified Free Cash for Traffic Calming Design & Construction.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

18) DPW Highway Department

MOTION: That the sum of \$30,000 be transferred from the Fiscal Year 2018 Certified Free Cash to replace a Stainless Steel Spreader.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

19) DPW Highway Department

MOTION: That the sum of \$50,000 be transferred from Fiscal Year 2018 Certified Free Cash to purchase speed bumps and traffic control items.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

20) DPW Recreation Department

MOTION: That the sum of \$ 32,275 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of an AFI infield groomer and attachments.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

21) DPW Solid Waste Department

MOTION: That the sum of \$ 5,000 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of a Trash Compactor expansion.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

22) Library Department

MOTION: That the sum of \$ 25,000 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of a Flat Rubber roof replacement at the Library.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

23) Library Department

MOTION: That the sum of \$ 5,000 be transferred from Fiscal Year 2018 Certified Free Cash for the purchase of computer replacements at the Library.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

24) Fire Department

MOTION: That the sum of \$40,000 be transferred from Fiscal Year 2018 Certified Free Cash for replacing a Fire Prevention SUV.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

Building Capital Stabilization Fund motions

B-1) Municipal License and Inspection Department

MOTION: That the sum of \$ 75,000 be transferred from the Building Capital Stabilization Fund for the purpose of ADA Compliance issues.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

B-2) School Department

MOTION: That the sum of \$ 300,000 be transferred from the Building Capital Stabilization Fund for the purpose of Roof and Floor repairs District Wide.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

B-3) School Department

MOTION: That the sum of \$ 155,930 be transferred from the Building Capital Stabilization Fund for the purpose of Plumbing and bathroom repairs District Wide.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

B-4) DPW Facilities Department

MOTION: That the sum of \$ 50,000 be transferred from the Building Capital Stabilization Fund for the purpose of Allen Street building repairs.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

B-5) DPW Facilities Department

MOTION: That the sum of \$ 50,000 be transferred from the Building Capital Stabilization Fund for the purpose of 74 Pond Street building repairs.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

B-6) DPW Facilities Department

MOTION: That the sum of \$ 50,000 be transferred from the Building Capital Stabilization Fund for the purpose of Eldridge school building repairs.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

B-7) DPW Facilities Department

MOTION: That the sum of \$ 20,000 be transferred from the Building Capital Stabilization Fund for the purpose of Library and Quincy Ave. Security Enhancements.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Carey

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

Water Sewer Enterprise Fund motions

E-1) Water Sewer Enterprise Fund

MOTION: That the sum of \$128,729 be transferred from Fiscal Year 2018 Certified Water Sewer Retained Earnings the purpose of purchasing Munis ERP software system.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

E-2) Water Sewer Enterprise Fund

MOTION: That the sum of \$ 80,000 be transferred from Fiscal Year 2018 Certified Water Sewer Retained Earnings the purpose of purchasing two SUV Vehicles.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

E-3) Water Sewer Enterprise Fund

MOTION: That the sum of \$120,000 be transferred from Fiscal Year 2018 Certified Water Sewer Retained Earnings the purpose of purchasing two Utility Trucks with Plows.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

E-4) Water Sewer Enterprise Fund

MOTION: That the sum of \$100,000 be transferred from Fiscal Year 2018 Certified Water Sewer Retained Earnings the purpose of Howard Street Pump Station repairs.

Motion: by Councilor Hume for favorable recommendation to the full Council

Second: by Councilor Whalen

Vote: For (5– Bowes, Carey, Hume, O’Brien, Whalen), Against (0), Absent (0), Abstain (0)

New Business

- None

It was unanimously voted to adjourn the meeting at 7:48p.m.

Respectfully submitted,

Susan M. Cimino,
Clerk of the Council

Documents provided for Meeting

- 19 003 Mayor: Request to Approve the Fiscal Year 2019 Capital Plan or take up any action relative thereto
- 19 004 Mayor: Request for Appropriation - Fiscal Year 2019 General Fund Capital Budget or take up any action relative thereto
- 19 005 Mayor: Request for Appropriation – Fiscal Year 2019 Enterprise Funds Capital Budget or take up any action relative thereto
- 19 006 Mayor: Request for Appropriation – Fiscal Year 2019 Capital Budget - Other Available Funds or take up any action relative thereto

BRAINTREE HIGH SCHOOL MSBA Statement of Interest

Braintree Town Council MSBA Required Vote Language

April 2, 2019

Resolved: Having convened in an open meeting on April 2, 2019 prior to the SOI submission closing date, the Town Council of Braintree, in accordance with its charter, by-laws, and ordinances, has voted to authorize the Superintendent to submit to the Massachusetts School Building Authority the Statement of Interest Form dated April 2, 2019 for Braintree High School located at 128 Town Street, Braintree, Massachusetts, which describes and explains the following deficiencies and the priority category(s) for which an application may be submitted to the Massachusetts School Building Authority in the future: Priority #3: Prevention of the loss of accreditation; Priority #5: Replacement, renovation, or modernization of school facility systems, such as roofs, windows, boilers, heating and ventilation systems, to increase energy conservation and decrease energy related costs in a school facility; Priority #7: Replacement of or addition to obsolete buildings in order to provide for a full range of programs consistent with state and approved local requirements; and hereby further specifically acknowledges that by submitting this Statement of Interest Form, the Massachusetts School Building Authority in no way guarantees the acceptance or the approval of an application, the awarding of a grant or any other funding commitment from the Massachusetts School Building Authority, or commits the Town of Braintree or the Braintree School Department to filing an application for funding with the Massachusetts School Building Authority.

Massachusetts School Building Authority

Next Steps to Finalize Submission of your FY 2019 Statement of Interest

Thank you for submitting your FY 2019 Statement of Interest (SOI) to the MSBA electronically. **Please note, the District's submission is not yet complete.** The District is required to mail all required supporting documentation, which is described below.

VOTES: Each SOI must be submitted with the proper vote documentation. This means that (1) the required governing bodies have voted to submit each SOI, (2) the specific vote language required by the MSBA has been used, and (3) the District has submitted a record of the vote in the format required by the MSBA.

- | **School Committee Vote:** Submittal of all SOIs must be approved by a vote of the School Committee.
 - | For documentation of the vote of the School Committee, Minutes of the School Committee meeting at which the vote was taken must be submitted with the original signature of the Committee Chairperson. The Minutes must contain the actual text of the vote taken which should be substantially the same as the MSBA's SOI vote language.
- | **Municipal Body Vote:** SOIs that are submitted by cities and towns must be approved by a vote of the appropriate municipal body (e.g., City Council/ Aldermen/Board of Selectmen) in addition to a vote of the School Committee.
 - | Regional School Districts do not need to submit a vote of the municipal body.
 - | For the vote of the municipal governing body, a copy of the text of the vote, which shall be substantially the same as the MSBA's SOI vote language, must be submitted with a certification of the City/Town Clerk that the vote was taken and duly recorded, and the date of the vote must be provided.

ADDITIONAL DOCUMENTATION FOR SOI PRIORITIES #1 AND #3: If a District selects Priority #1 and/or Priority #3, the District is required to submit additional documentation with its SOI.

- | If a District selects Priority #1, Replacement or renovation of a building which is structurally unsound or otherwise in a condition seriously jeopardizing the health and safety of the school children, where no alternative exists, the MSBA requires a hard copy of the engineering or other report detailing the nature and severity of the problem and a written professional opinion of how imminent the system failure is likely to manifest itself. The District also must submit photographs of the problematic building area or system to the MSBA.
- | If a District selects Priority #3, Prevention of a loss of accreditation, the SOI will not be considered complete unless and until a summary of the accreditation report focused on the deficiency as stated in this SOI is provided.

ADDITIONAL INFORMATION: In addition to the information required above, the District may also provide any reports, pictures, or other information they feel will give the MSBA a better understanding of the issues identified at a facility.

If you have any questions about the SOI process please contact the MSBA at 617-720-4466 or SOI@massschoolbuildings.org.

Massachusetts School Building Authority

School District Braintree

District Contact Frank Hackett TEL: (781) 380-0130

Name of School Braintree High

Submission Date 3/29/2019

SOI CERTIFICATION

To be eligible to submit a Statement of Interest (SOI), a district must certify the following:

- The district hereby acknowledges and agrees that this SOI is NOT an application for funding and that submission of this SOI in no way commits the MSBA to accept an application, approve an application, provide a grant or any other type of funding, or places any other obligation on the MSBA.
- The district hereby acknowledges that no district shall have any entitlement to funds from the MSBA, pursuant to M.G.L. c. 70B or the provisions of 963 CMR 2.00.
- The district hereby acknowledges that the provisions of 963 CMR 2.00 shall apply to the district and all projects for which the district is seeking and/or receiving funds for any portion of a municipally-owned or regionally-owned school facility from the MSBA pursuant to M.G.L. c. 70B.
- The district hereby acknowledges that this SOI is for one existing municipally-owned or regionally-owned public school facility in the district that is currently used or will be used to educate public PreK-12 students and that the facility for which the SOI is being submitted does not serve a solely early childhood or Pre-K student population.
- After the district completes and submits this SOI electronically, the district must mail hard copies of the required documentation described under the "Vote" tab, on or before the deadline.
- The district will schedule and hold a meeting at which the School Committee will vote, using the specific language contained in the "Vote" tab, to authorize the submission of this SOI. This is required for cities, towns, and regional school districts.
- Prior to the submission of the SOI, the district will schedule and hold a meeting at which the City Council/Board of Aldermen or Board of Selectmen/equivalent governing body will vote, using the specific language contained in the "Vote" tab, to authorize the submission of this SOI. This is not required for regional school districts.
- On or before the SOI deadline, the district will submit the minutes of the meeting at which the School Committee votes to authorize the Superintendent to submit this SOI. The District will use the MSBA's vote template and the vote will specifically reference the school and the priorities for which the SOI is being submitted. The minutes will be signed by the School Committee Chair. This is required for cities, towns, and regional school districts.
- The district has arranged with the City/Town Clerk to certify the vote of the City Council/Board of Aldermen or Board of Selectmen/equivalent governing body to authorize the Superintendent to submit this SOI. The district will use the MSBA's vote template and submit the full text of this vote, which will specifically reference the school and the priorities for which the SOI is being submitted, to the MSBA on or before the SOI deadline. This is not required for regional school districts.
- The district hereby acknowledges that this SOI submission will not be complete until the MSBA has received all of the required vote documentation in a format acceptable to the MSBA. If Priority 1 is selected, your SOI will not be considered complete unless and until you provide the required engineering (or other) report, a professional opinion regarding the problem, and photographs of the problematic area or system. If Priority 3 is selected, your SOI will not be considered complete unless and until you provide a summary of the accreditation report focused on the deficiency as stated in this SOI.

**LOCAL CHIEF EXECUTIVE OFFICER/DISTRICT SUPERINTENDENT/SCHOOL COMMITTEE CHAIR
(E.g., Mayor, Town Manager, Board of Selectmen)**

Chief Executive Officer * School Committee Chair Superintendent of Schools

(signature)

(signature)

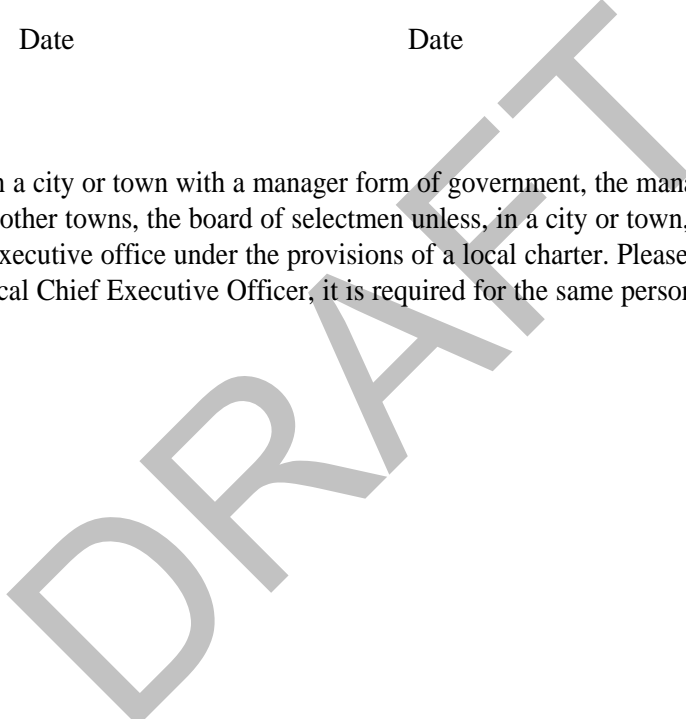
(signature)

Date

Date

Date

* Local chief executive officer: In a city or town with a manager form of government, the manager of the municipality; in other cities, the mayor; and in other towns, the board of selectmen unless, in a city or town, some other municipal office is designated to the chief executive office under the provisions of a local charter. Please note, in districts where the Superintendent is also the Local Chief Executive Officer, it is required for the same person to sign the Statement of Interest Certifications twice.



Massachusetts School Building Authority

School District Braintree

District Contact Frank Hackett TEL: (781) 380-0130

Name of School Braintree High

Submission Date 3/29/2019

Note

The following Priorities have been included in the Statement of Interest:

1. Replacement or renovation of a building which is structurally unsound or otherwise in a condition seriously jeopardizing the health and safety of school children, where no alternative exists.
2. Elimination of existing severe overcrowding.
3. Prevention of the loss of accreditation.
4. Prevention of severe overcrowding expected to result from increased enrollments.
5. Replacement, renovation or modernization of school facility systems, such as roofs, windows, boilers, heating and ventilation systems, to increase energy conservation and decrease energy related costs in a school facility.
6. Short term enrollment growth.
7. Replacement of or addition to obsolete buildings in order to provide for a full range of programs consistent with state and approved local requirements.
8. Transition from court-ordered and approved racial balance school districts to walk-to, so-called, or other school districts.

SOI Vote Requirement

I acknowledge that I have reviewed the MSBA's vote requirements for submitting an SOI which are set forth in the Vote Tab of this SOI. I understand that the MSBA requires votes from specific parties/governing bodies, in a specific format using the language provided by the MSBA. Further, I understand that the MSBA requires certified and signed vote documentation to be submitted with the SOI. I acknowledge that my SOI will not be considered complete and, therefore, will not be reviewed by the MSBA unless the required accompanying vote documentation is submitted to the satisfaction of the MSBA.

Potential Project Scope: Potential New School

Is this SOI the District Priority SOI? NO

School name of the District Priority SOI: South Middle School

Is this part of a larger facilities plan? YES

If "YES", please provide the following:

Facilities Plan Date: 5/14/2014

Planning Firm: Habeeb & Associates

Please provide a brief summary of the plan including its goals and how the school facility that is the subject of this SOI fits into that plan:

The Town of Braintree commissioned Habeeb & Associates in 2014 to provide a comprehensive study of our schools, focusing primarily on our 6 elementary schools, which are experiencing significant space constraints due to increasing enrollments and the expansion of specialized in-district programs. The study considered elementary facility renovations and additions to accommodate existing and projected enrollment growth. Recommendations from the study were built around the core value of maintaining neighborhood elementary schools, as well as keeping the existing structure of two middle schools and Braintree High School (BHS) in place. The Habeeb study brought forward earlier planning considerations that had been explored by the Town, with their final report detailing five main options, each with multiple subsets that allowed for a range of combinations involving renovations and various additions to the existing elementary schools. In general, the report was not well received by the school-community. While Habeeb determined that some of the option subsets failed to provide long-range solutions, several were deemed to meet the demands of current and projected enrollment (building additions), as well as renovations significant enough to upgrade and modernize existing facilities for future use. One option recommended the construction of 4 new K-5 elementary schools that would allow for the closure of all 6 existing facilities. After conducting an extensive review of the Habeeb study and enrollment projections in 2015, the BPS began to explore the feasibility of moving from the existing model of 2 middle schools that serve grades 6-8 to a configuration of grades 5-8 at both schools. This solution, which has been supported by the MSBA at both East Middle School (currently under construction with a targeted Fall 2020 completion) and South Middle School (March 2019 PSR submission), will allow our existing elementary schools to gain over 20 classrooms system-wide that are currently being used by grade 5 students, thus eliminating the need to build additions to those schools. BRAINTREE HIGH SCHOOL: While BHS was not part of the Habeeb 2014 study, it was added to our PreK-12 Master Plan in the winter of 2016 for the reasons detailed in this SOI. Beyond the submission of the SOI, our Master Plan includes a commitment to continue capital improvements at BHS, as evidenced by recent and ongoing upgrades, including a district-wide (all elementary schools & BHS) \$10mil ESCO project. This project also included a \$200,000/year commitment of annual capital funds from Mayor Sullivan to provide much-needed upgrades that will not generate enough energy savings to fit into the ESCO funding payback model. At BHS, the ESCO investment: (1) replaced 60% of our transformers; (2) provided HVAC system upgrades; (3) installed all new lighting; (4) provided new ceilings in all core areas, and (4) implemented multiple water and other energy conservation measures. The timing of this investment is unfortunate given the submission of this SOI; however, we were not able to wait given the facility needs. BHS was built for a 9-12 high school population of 3,500 students in 1972. As would be expected after 47 years of use, and as described in this SOI, many classrooms are no longer used for the types of courses for which they were designed. None of these facility challenges are surprising considering the age of the building; however, the funds required to conduct the type of full-scale renovations needed to both update existing systems and infrastructure, as well as create spaces that promote 21st century teaching and learning, are beyond the capacity of year-to-year operational budgets and available local capital funds. For these reasons, the most critical action step for BHS within the BPS Master Facilities Plan is the submission of this SOI to the MSBA.

Please provide the current student to teacher ratios at the school facility that is the subject of this SOI: 15 students per teacher

Please provide the originally planned student to teacher ratios at the school facility that is the subject of this SOI: 15 students per teacher

Does the District have a Master Educational Plan that includes facility goals for this building and all school buildings in District? YES

If "YES", please provide the author and date of the District's Master Educational Plan.

The BPS continues to finalize a Master Educational Plan that provides for the reconfiguration of our six (6) elementary schools from grade 1-5/K-5 and one Kindergarten Center (MSKC), to six (6) grade1-4/ K-4 schools, MSKC, two (2) 5-8 middle schools, and BHS (9-12). The plan includes multiple programmatic and instructional initiatives, and involves several district and school-based groups representing a wide-range of stakeholders. Oversight of the plan rests with our district leadership team.

Is there overcrowding at the school facility? NO

If "YES", please describe in detail, including specific examples of the overcrowding.

Has the district had any recent teacher layoffs or reductions? NO

If "YES", how many teaching positions were affected? 0

At which schools in the district?

Please describe the types of teacher positions that were eliminated (e.g., art, math, science, physical education, etc.).

Has the district had any recent staff layoffs or reductions? NO

If "YES", how many staff positions were affected? 0

At which schools in the district?

Please describe the types of staff positions that were eliminated (e.g., guidance, administrative, maintenance, etc.).

Please provide a description of the program modifications as a consequence of these teacher and/or staff reductions, including the impact on district class sizes and curriculum.

Does not apply.

Please provide a description of the local budget approval process for a potential capital project with the MSBA. Include schedule information (i.e. Town Meeting dates, city council/town council meetings dates, regional school committee meeting dates). Provide, if applicable, the District's most recent budget approval process that resulted in a budget reduction and the impact of the reduction to the school district (staff reductions, discontinued programs, consolidation of facilities).

The school budget has been developed to include forecasting for future years to support the implementation of our Master Plan. The process begins in the fall with individual school and department planning, culminating with the district-wide leadership team that provides several tiers to the School Committee's Finance & Operations Subcommittee. This subcommittee begins making its recommendation to the full School Committee in early March. A public hearing is held late March/early April, with a final recommendation being presented to the Mayor in April. The Mayor then provides his recommendations for all town department budgets to the Town Council in May. The Council may lower the Mayor's recommended budget, but it is not able to increase it. The School Department has been provided multiple, consecutive years of budget increases, and has not experienced staff reductions due to fiscal constraints.

General Description

BRIEF BUILDING HISTORY: Please provide a detailed description of when the original building was built, and the date(s) and project scopes(s) of any additions and renovations (maximum of 5000 characters).

Braintree High School was constructed in 1972 and is a poured cement building. There have been no additions. Structural repairs were made in 1997, new boilers were installed in 1998 and converted to gas in 1999, the auditorium was upgraded in 2009, and the gymnasium was updated in 2015 with new bleachers, painting, and updated equipment. Solar panels were installed on the roof in 2016. BHS is a significant part of a \$10mil ESCO project that began in 2018, including (1) replaced 60% of our transformers; (2) provided HVAC system upgrades; (3) installed all new lighting; (4) provided new ceilings in all core areas, and (4) implemented multiple water and other energy conservation measures. Along with several renovations of existing bathrooms, large public restrooms were added during the summer of 2018 to service the gymnasium and cafeteria.

TOTAL BUILDING SQUARE FOOTAGE: Please provide the original building square footage PLUS the square footage of any additions.

380847

SITE DESCRIPTION: Please provide a detailed description of the current site and any known existing conditions that would impact a potential project at the site. Please note whether there are any other buildings, public or private, that share this current site with the school facility. What is the use(s) of this building(s)? (maximum of 5000 characters).

Braintree High School is located on a 46 acre site with no site limitations. There are no other buildings on the site at this time, but the town is currently exploring the construction of rink/pool facility.

ADDRESS OF FACILITY: Please type address, including number, street name and city/town, if available, or describe the location of the site. (Maximum of 300 characters)

128 Town Street
Braintree MA 02184

BUILDING ENVELOPE: Please provide a detailed description of the building envelope, types of construction materials used, and any known problems or existing conditions (maximum of 5000 characters).

Braintree High School is a concrete building constructed in 1972. The windows and doors are original to the building, have little insulating value, and have exceeded their useful life: they are in need of replacement. The roof was replaced in sections between 2004 and 2008, and was deemed to be in good condition prior to the installation of solar panels in 2016. Water penetration is experienced around windows and penthouse enclosures on the roof in wind-driven rain. There are no known structural problems or concerns.

Has there been a Major Repair or Replacement of the EXTERIOR WALLS? YES

Year of Last Major Repair or Replacement:(YYYY) 1998

Description of Last Major Repair or Replacement:

The exterior walls were waterproofed in 1998 and repaired and painted in 2013.

Roof Section A

Is the District seeking replacement of the Roof Section? NO

Area of Section (square feet) 148838

Type of ROOF (e.g., PVC, EPDM, Shingle, Slate, Tar & Gravel, Other (please describe))

EPDM

Age of Section (number of years since the Roof was installed or replaced) 14

Description of repairs, if applicable, in the last three years. Include year of repair:

The roof was redone in small sections between 2004 and 2008. It is considered to be in good overall condition.

Roof Section B

Is the District seeking replacement of the Roof Section?

Area of Section (square feet)

Type of ROOF (e.g., PVC, EPDM, Shingle, Slate, Tar & Gravel, Other (please describe)

Age of Section (number of years since the Roof was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Roof Section C

Is the District seeking replacement of the Roof Section?

Area of Section (square feet)

Type of ROOF (e.g., PVC, EPDM, Shingle, Slate, Tar & Gravel, Other (please describe)

Age of Section (number of years since the Roof was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Roof Section D

Is the District seeking replacement of the Roof Section?

Area of Section (square feet)

Type of ROOF (e.g., PVC, EPDM, Shingle, Slate, Tar & Gravel, Other (please describe)

Age of Section (number of years since the Roof was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Roof Section E

Is the District seeking replacement of the Roof Section?

Area of Section (square feet)

Type of ROOF (e.g., PVC, EPDM, Shingle, Slate, Tar & Gravel, Other (please describe)

Age of Section (number of years since the Roof was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Roof Section F

Is the District seeking replacement of the Roof Section?

Area of Section (square feet)

Type of ROOF (e.g., PVC, EPDM, Shingle, Slate, Tar & Gravel, Other (please describe)

Age of Section (number of years since the Roof was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Roof Section G

Is the District seeking replacement of the Roof Section?

Area of Section (square feet)

Type of ROOF (e.g., PVC, EPDM, Shingle, Slate, Tar & Gravel, Other (please describe)

Age of Section (number of years since the Roof was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Roof Section H

Is the District seeking replacement of the Roof Section?

Area of Section (square feet)

Type of ROOF (e.g., PVC, EPDM, Shingle, Slate, Tar & Gravel, Other (please describe)

Age of Section (number of years since the Roof was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Roof Section I

Is the District seeking replacement of the Roof Section?

Area of Section (square feet)

Type of ROOF (e.g., PVC, EPDM, Shingle, Slate, Tar & Gravel, Other (please describe))

Age of Section (number of years since the Roof was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Roof Section J

Is the District seeking replacement of the Roof Section?

Area of Section (square feet)

Type of ROOF (e.g., PVC, EPDM, Shingle, Slate, Tar & Gravel, Other (please describe))

Age of Section (number of years since the Roof was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Window Section A

Is the District seeking replacement of the Windows Section? YES

Windows in Section (count) 125

Type of WINDOWS (e.g., Single Pane, Double Pane, Other (please describe))

Double pane original to the building

Age of Section (number of years since the Windows were installed or replaced) 46

Description of repairs, if applicable, in the last three years. Include year of repair:

The windows are original to the building and are past useful life.

Window Section B

Is the District seeking replacement of the Windows Section?

Windows in Section (count)

Type of WINDOWS (e.g., Single Pane, Double Pane, Other (please describe))

Age of Section (number of years since the Windows were installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Window Section C

Is the District seeking replacement of the Windows Section?

Windows in Section (count)

Type of WINDOWS (e.g., Single Pane, Double Pane, Other (please describe))

Age of Section (number of years since the Windows were installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Window Section D

Is the District seeking replacement of the Windows Section?

Windows in Section (count)

Type of WINDOWS (e.g., Single Pane, Double Pane, Other (please describe))

Age of Section (number of years since the Windows were installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Window Section E

Is the District seeking replacement of the Windows Section?

Windows in Section (count)

Type of WINDOWS (e.g., Single Pane, Double Pane, Other (please describe))

Age of Section (number of years since the Windows were installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Window Section F

Is the District seeking replacement of the Windows Section?

Windows in Section (count)

Type of WINDOWS (e.g., Single Pane, Double Pane, Other (please describe))

Age of Section (number of years since the Windows were installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Window Section G

Is the District seeking replacement of the Windows Section?

Windows in Section (count)

Type of WINDOWS (e.g., Single Pane, Double Pane, Other (please describe))

Age of Section (number of years since the Windows were installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Window Section H

Is the District seeking replacement of the Windows Section?

Windows in Section (count)

Type of WINDOWS (e.g., Single Pane, Double Pane, Other (please describe))

Age of Section (number of years since the Windows were installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Window Section I

Is the District seeking replacement of the Windows Section?

Windows in Section (count)

Type of WINDOWS (e.g., Single Pane, Double Pane, Other (please describe))

Age of Section (number of years since the Windows were installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Window Section J

Is the District seeking replacement of the Windows Section?

Windows in Section (count)

Type of WINDOWS (e.g., Single Pane, Double Pane, Other (please describe))

Age of Section (number of years since the Windows were installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

MECHANICAL and ELECTRICAL SYSTEMS: Please provide a detailed description of the current mechanical and electrical systems and any known problems or existing conditions (maximum of 5000 characters).

There are 5 Aero gas fired hot water boilers installed in 2009 that are in good condition. There are 2 Patterson Kelly indirect water to water heat exchangers and storage tanks for domestic hot water. The system is original to the building and is in fair condition. A pneumatic control system exists throughout the building and is in poor condition. The piping system is original to the building and is in poor condition. Leaks are common and the system is frequently under repair. The building is equipped with 11 different air conditioning systems for core spaces. Condensers are roof mounted and in fair condition. Classroom unit ventilators use hot water coils and pneumatic controls and are in fair/poor condition: they do not provide cooling and require frequent and constant maintenance. The electrical system is original to the building, and while in good condition it does not meet our needs.

Boiler Section 1

Is the District seeking replacement of the Boiler? YES

Is there more than one boiler room in the School? NO

What percentage of the School is heated by the Boiler? 100

Type of heating fuel (e.g., Heating Oil, Natural Gas, Propane, Other)

5 2009 Aero boilers that are natural gas fired.

Age of Boiler (number of years since the Boiler was installed or replaced) 10

Description of repairs, if applicable, in the last three years. Include year of repair:

Winter of 2018 we required an emergency waiver to repair 2 of the boilers which went offline during the January cold snap. The blowers and controllers were replaced.

Boiler Section 2

Is the District seeking replacement of the Boiler?

Is there more than one boiler room in the School?

What percentage of the School is heated by the Boiler?

Type of heating fuel (e.g., Heating Oil, Natural Gas, Propane, Other)

Age of Boiler (number of years since the Boiler was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Boiler Section 3

Is the District seeking replacement of the Boiler?

Is there more than one boiler room in the School?

What percentage of the School is heated by the Boiler?

Type of heating fuel (e.g., Heating Oil, Natural Gas, Propane, Other)

Age of Boiler (number of years since the Boiler was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Boiler Section 4

Is the District seeking replacement of the Boiler?

Is there more than one boiler room in the School?

What percentage of the School is heated by the Boiler?

Type of heating fuel (e.g., Heating Oil, Natural Gas, Propane, Other)

Age of Boiler (number of years since the Boiler was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Boiler Section 5

Is the District seeking replacement of the Boiler?

Is there more than one boiler room in the School?

What percentage of the School is heated by the Boiler?

Type of heating fuel (e.g., Heating Oil, Natural Gas, Propane, Other)

Age of Boiler (number of years since the Boiler was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Boiler Section 6

Is the District seeking replacement of the Boiler?

Is there more than one boiler room in the School?

What percentage of the School is heated by the Boiler?

Type of heating fuel (e.g., Heating Oil, Natural Gas, Propane, Other)

Age of Boiler (number of years since the Boiler was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:

Boiler Section 7

Is the District seeking replacement of the Boiler?

Is there more than one boiler room in the School?

What percentage of the School is heated by the Boiler?

Type of heating fuel (e.g., Heating Oil, Natural Gas, Propane, Other)

Age of Boiler (number of years since the Boiler was installed or replaced)

Description of repairs, if applicable, in the last three years. Include year of repair:**Boiler Section 8****Is the District seeking replacement of the Boiler?****Is there more than one boiler room in the School?****What percentage of the School is heated by the Boiler?****Type of heating fuel (e.g., Heating Oil, Natural Gas, Propane, Other)****Age of Boiler (number of years since the Boiler was installed or replaced)****Description of repairs, if applicable, in the last three years. Include year of repair:****Boiler Section 9****Is the District seeking replacement of the Boiler?****Is there more than one boiler room in the School?****What percentage of the School is heated by the Boiler?****Type of heating fuel (e.g., Heating Oil, Natural Gas, Propane, Other)****Age of Boiler (number of years since the Boiler was installed or replaced)****Description of repairs, if applicable, in the last three years. Include year of repair:****Boiler Section 10****Is the District seeking replacement of the Boiler?****Is there more than one boiler room in the School?****What percentage of the School is heated by the Boiler?****Type of heating fuel (e.g., Heating Oil, Natural Gas, Propane, Other)****Age of Boiler (number of years since the Boiler was installed or replaced)****Description of repairs, if applicable, in the last three years. Include year of repair:****Has there been a Major Repair or Replacement of the HVAC SYSTEM? YES****Year of Last Major Repair or Replacement:(YYYY) 2015****Description of Last Major Repair or Replacement:**

7 of the rooftop air conditioner condenser units were replaced between 1997 and 2015.

Has there been a Major Repair or Replacement of the ELECTRICAL SERVICES AND DISTRIBUTION SYSTEM? NO**Year of Last Major Repair or Replacement:(YYYY) 1972****Description of Last Major Repair or Replacement:**

All electric equipment is original to the building.

BUILDING INTERIOR: Please provide a detailed description of the current building interior including a description of the flooring systems, finishes, ceilings, lighting, etc. (maximum of 5000 characters).

BHS was built for a 9-12 high school population of 3,500 students in 1972 and the interior is largely in as-built condition. Many classrooms are no longer used for the types of courses for which they were designed. The walls are concrete block and are painted. Tiles are generally original to the building and range from fair to good condition. Various sections of the building have differing color schemes, and rooms colors are inconsistent.

The flooring is original vinyl tile and many areas include tiles that are broken and popping. Years of wax build-up has also discolored much of the flooring tile and several places have broken tiles that are sealed under the wax. There is some ceramic tile in the main lobbies that is often slippery and a hazard during the wet weather. The building has limited areas where carpeting is in use. Carpeting has been replaced in some areas, but much is still original. The media center has carpet that has differing patterns where newer carpet abuts original carpet. An ESCO project that began in the summer of 2018 accomplished the following: (1) replaced 60% of our transformers; (2) provided HVAC system upgrades; (3) installed all new lighting; (4) provided new ceilings in all core areas, and (4) implemented multiple water and other energy

conservation measures.

PROGRAMS and OPERATIONS: Please provide a detailed description of the current grade structure and programs offered and indicate whether there are program components that cannot be offered due to facility constraints, operational constraints, etc. (maximum of 5000 characters).

Braintree High School (BHS) is a comprehensive 9-12 academic institution that provides a variety of programs and academic opportunities to approximately 1700 students. High levels of achievement are seen across all subgroups of our student population, which is becoming increasingly diverse. BHS was recently named by Newsweek Magazine as one of the top 500 high schools in the country, reaching number 15 out of over 200 high schools in the Commonwealth of Massachusetts. BHS graduates are well prepared for the world they enter, with 91% attending two (2) or four (4) year colleges, and another 4% attending other post-secondary schools, 1% enlist in the military, and 5% join the workforce (Class of 2017 data). The school is organized into three (3) houses, each supported by an administrator. The core curriculum includes offerings in English language arts (ELA), mathematics, social studies, science, and world languages. Among our core offerings are 19 Advanced Placement (AP) courses that are heavily enrolled (598 exams taken in 2016-2017; 85% scored 3+). Students also take a physical education course each of their four years, and a required health class during their freshmen year. Electives are offered in core curriculum areas, as well as in music, health, and art. BHS supports and encourages students to take responsibility for their own learning. Teachers effectively communicate expectations to students, and support these expectations through after-school assistance, Google Classroom interactive sites, and consistent grading feedback through an online portal. Special education services are provided both in the classroom and in separate settings, and special education teachers work directly with general education teachers to provide coherent and relevant supports. The school offers several programs that service both regular education and special education students. The Alternative Program serves students who struggle in the mainstream environment, while a Career Exploration program assists more involved students with transitions beyond high school. Our STRIVES program supports students on the Autism Spectrum and Project PROVE educates a student population with more complex cognitive challenges. The Braintree school-community core value that threads throughout all that we do at BHS, and one that has become the hallmark of our programs, is inclusion: our students move throughout BHS as a community of learners. This value, and the programs above, is also reflected by a 5% decline in suspension rates recently cited as an example for other high schools to consider in working with students who present behavioral challenges. Finally, to ensure that all students have opportunities to explore their talents and interests, BHS offers over 40 extra-curricular activities for students and a complete, and highly successful, menu of interscholastic sports offerings.

The aged facility challenges to our ability to implement 21st century learning standards. Built in 1972, when 49% of students went on to post-secondary institutions (National Center for Education Statistics), the educational mission reflected by the design was dramatically different than what is both expected, and required, of students today. As a result, there are program components that cannot be fully implemented, or implemented with fidelity, particularly related to STEAM curricula (Science, Technology, Engineering, Art, Mathematics). Large vocational spaces that were part of the original building construction in 1972, are obsolete and no longer utilized for substantive educational programming. Science labs are outdated, and while utilized effectively by talented staff, they are in need of significant upgrades. Dedicated, and purposefully designed technology and engineering classrooms are non-existent, forcing programs to be developed in ways that accommodate for space and infrastructure constraints. Visual and performing art rooms are large, but outdated, which impacts both the types of programs we can offer, as well as our ability to reach our instructional goals. Finally, the layout of the building, including classroom and core space adjacencies, creates substantial barriers to curriculum and instructional integration.

EDUCATIONAL SPACES: Please provide a detailed description of the Educational Spaces within the facility, a description of the number and sizes (in square feet) of classrooms, a description of science rooms/labs including ages and most recent updates, a description of the cafeteria, gym and/or auditorium and a description of the media center/library (maximum of 5000 characters).

Braintree High School (BHS) was constructed in 1972 and consists of 131 classrooms of approximately 700sf each. In addition, there is an expansive media center space (10,000sf), an auditorium, a large cafeteria, and multiple physical education and athletic spaces, including a gymnasium. The media center space is inappropriately configured and inefficient

for the delivery of effective programming. While large, it was designed for a different era therefore limiting its function as a space that promotes and supports 21st century learning. The auditorium, while undersized, was renovated in 2009 and includes new seating and a sound system. The gymnasium was updated in 2015 with new bleachers, painting, and updated equipment; however, the locker rooms and supporting spaces are largely original to the building and in need of renovation. The cafeteria is approximately 10,000sf, original to the building, and has not received any significant renovation. The kitchen is located one floor down from the cafeteria, with food being transported up to the serving line. There are 17 science rooms in the building, ranging from approximately 1,000 – 1,400 square feet. The science labs are original and need significant renovation. The school also has several large art rooms that include cabinetry and sinks that are antiquated and inadequate. Several rooms originally designed for programs in home economics have been re-purposed, but retain out-of-date storage cabinets, stoves, and sinks. These spaces are in need of updates to ensure that the appropriate resources are available for the courses actually being taught in the rooms.

CAPACITY and UTILIZATION: Please provide the original design capacity and a detailed description of the current capacity and utilization of the school facility. If the school is overcrowded, please describe steps taken by the administration to address capacity issues. Please also describe in detail any spaces that have been converted from their intended use to be used as classroom space (maximum of 5000 characters).

Braintree High School (BHS) was designed for a 9-12 high school population of 3,500 students in 1972. The decline in population over the last 46 years, as well as changes in educational programming, has seen the repurposing of many of the interior spaces. BHS has housed Kindergarten classrooms, and part of one academic wing currently serves as our integrated Pre-School. BHS operates many specialized programs to support the needs of our most challenged and vulnerable students within the school, and these programs occupy most of the first-floor spaces. BHS faculty and staff, with the support of parents and the community, provide exceptional academic and social-emotional supports to all students, and we are dedicated to finding ways to meet the needs of all our students, including those who may otherwise be in out-of-district placements. The result of this fundamental commitment, which is a price that we happily accept, is that the current population of approximately 1,700 students fills the remaining classroom spaces, and fully utilizes the common learning spaces. As would be expected after 46 years of use, many classrooms are no longer used for the types of courses for which they were designed. The Language Based Program, a special education service, occupies a classroom space outfitted with equipment for teaching electronics from 1972. The equipment was too large to be removed, so as a result it still occupies the space and existing courses work find ways to work around it. Former home economics spaces still retain the original cabinets, stoves, and sinks, but are now serving as art and health classrooms. Teachers have found ways to accommodate these impediments, and because they are skilled and talented professionals they effectively instruct classes that are filled with obsolete equipment and structures. Other classroom spaces have been redesigned over the years to better suit the needs of the programs they house, including the construction of walls to divide rooms originally designed for full classrooms to accommodate specialized programs and services.

In typical classrooms, the demand for power for devices has far exceeded the wiring installed in 1972. The limits of this infrastructure have created significant obstacles and barriers to implementation of technology and a 21st century learning environment. In most classrooms, there are only two outlets, which has most recently proven to be a substantial challenge to our efforts to implement our 1:1 technology initiative. Open-space classrooms with operating accordion walls were repurposed into standard classroom spaces; unfortunately, the replacement walls are not soundproof and ambient noise from adjacent classrooms in these areas are problematic for learning, especially for those students with learning challenges and environmental sensitivities.

Although BHS utilizes all available spaces for instruction and programs, the quality and comfort of those spaces for learning is often inadequate. Inconsistent heating and cooling, plumbing that has passed its useful life, routine failure of originally installed equipment, and worn conditions resulting from 46 years of heavy use by students, staff and the community, all create teaching and learning hurdles for staff and students. While the building is structural sound thanks to solid construction and investments made over the years in roofs, boilers, and other upgrades, significant challenges remain: original windows, combined with expansive core spaces such as the main foyers, cafeteria and media center are difficult to heat and cool during extreme temperatures; bathrooms that are undersized and in need of significant renovation; locker rooms that are oversized and also in need of significant renovation, and the previously detailed classroom and learning space issues. that are original to the building. The numerous student and staff bathrooms throughout the building are undersized, and in need refurbishing, including replacement of plumbing that is 46 years old.

None of these facility challenges are surprising considering that the building is 46 years old. However, while capital improvements have been done over the years, the funds now required to conduct the type of full scale renovations needed to both update existing, and in many cases original, systems and infrastructure, as well as to create spaces that promote 21st century teaching and learning, are beyond the capacity of year-to-year operational budgets and available local capital funds. This fact is, of course, the impetus for our submission for a Core Program with the MSBA.

MAINTENANCE and CAPITAL REPAIR: Please provide a detailed description of the district's current maintenance practices, its capital repair program, and the maintenance program in place at the facility that is the subject of this SOI. Please include specific examples of capital repair projects undertaken in the past, including any override or debt exclusion votes that were necessary (maximum of 5000 characters).

The district receives \$1,000,000 in capital each year from the Mayor and Town Council to address highest priority needs. We also employ a full time electrician, plumber, painter, carpenter and two general laborers for work that can be addressed without outside contractors. Our operational budget for custodial and maintenance is almost \$3,000,000 per year. All buildings, with the exception of our two middle schools, are currently being evaluated as part our SchoolDude Facilities Management System upgrade. The following work was done at the high school in the past few years:

Renovate 7 Bathrooms 2015

Replace gymnasium bleachers 2015

Refurbish gymnasium floor 2015

Repave front loop driveway and part of access road 2015

Replaced roof top air conditioning unit 2015

Solar PV on roof 2016

Replaced carpeting in media center offices 2016

Installed rolling steel door to loading dock 2016

Repave back loop driveway and part of access road 2016

Installed new kilns 2016

Built new pre-school bathroom 2016

Installed new walk-in freezer 2016

New ceiling and lights (1st floor near elevators and locker area) 2016

Replaced carpet in both main lobbies 2016

Replaced section of lockers 2017

2018: 1) replaced 60% of our transformers; (2) provided HVAC system upgrades; (3) installed all new lighting; (4) provided new ceilings in all core areas, (4) implemented multiple water and other energy conservation measures; (5) Renovation of 2 public restrooms, and (5) construction of 2 large public rest rooms to service the gymnasium and cafeteria.

Priority 3

Question 1: Please provide a detailed description of the "facility-related" issues that are threatening accreditation. Please include in this description details related to the program or facility resources (i.e. Media Center/Library, Science Rooms/Labs, general classroom space, etc.) whose condition or state directly threatens the facility's accreditation status.

In October 2017, New England Association of Schools and Colleges (NEASC) visited Braintree High School for our decennial review. Over the course of four days, the visiting team did an extensive review of all aspects of Braintree High School including our facility. In their formal written review, the NEASC committee voted to place the school on warning status for the standard on "Community Resources for Learning." Many aspects of the school facility led to the committee putting BHS on warning status. The committee referenced infrastructure deficiencies including the following:

- Operation of the heating, ventilation, and air-conditioning (HVAC) system
- Leaks and stained ceiling tiles
- Exposed electrical wires
- Limited electrical outlets
- Safety and functionality of science labs
- Bathrooms often in disrepair and various states of disfunction
- Broken/missing floor tiles and inadequate lighting in the cafeteria

Priority 3***Question 2: Please describe the measures the district has taken to mitigate the problem(s) described above.***

Both Braintree High School and the Braintree Public Schools have taken many steps to mitigate some of the problems detailed above, including: (1) replaced 60% of our transformers; (2) provided HVAC system upgrades; (3) installed all new lighting; (4) provided new ceilings in all core areas, (5) implemented multiple water and other energy conservation measures; (6) renovation of 2 public restrooms, and (6) construction of 2 large public rest rooms to service the gymnasium and cafeteria.

The superintendent, interim headmaster, and science director met with the Braintree Fire Department and have addressed all safety regulations in science labs including: repairing broken fume hoods, installing new eye wash stations, and purchasing fire blankets. The science director engaged a representative from the Laboratory Safety Institute to review the current facility and to provide suggestions on how to improve chemical and lab safety measures, and all chemicals have now been inventoried through an online system. Unused and expired chemicals have been professionally removed from the building. These incremental steps have moved the school forward with respect to addressing the safety aspects of the NEASC report. However, they do not address the larger functionality questions presented. Steps to counter the deficiencies in the lab functionality would require a more complete renovation of the spaces and a much larger financial investment than is possible under the current operating budget.

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Priority 3

Question 3: Please provide a detailed explanation of the impact of the problem described in this priority on your district's educational program. Please include specific examples of how the problem prevents the district from delivering the educational program it is required to deliver and how students and/or teachers are directly affected by the problem(s) identified.

While the NEASC committee highlighted significant strengths in the area of curriculum, instruction, assessment, and school culture, they explicitly stated how many of the problems described above have a negative impact upon delivery of a quality educational program. These noted difficulties are also observed by staff and students on an ongoing basis, which was documented in the NEASC report.

During heavy, wind-driven rainstorms, leaks typically occur at various locations throughout the building. This water infiltration generally occurs through rooftop unit penthouse structures. In these conditions, leaks occasionally in classrooms, and school administrators relocate students and teachers in the middle of the school day, which interrupts learning and disrupts the general organization of the school. In many of our art classrooms, the large windows will also experience wind-driven leaks that have to be mitigated by custodial and administrative staff, which often requires room relocation.

The aged HVAC control system, and original room univents, provide inconsistent heating and cooling, resulting in inconsistent temperatures, which impacts the learning environment. Classrooms univents are in frequent need of repair. During the colder months, delays in getting contractors in to repair univents results in those classrooms being moved.

The NEASC committee pointed out that the science labs are not suitable to deliver a 21st century learning experience for students because lab rooms are undersized, sinks are in disrepair or undersized, and vent hoods function inconsistently. The fixtures in these spaces are well past their intended use and are, almost exclusively, original to the building. The inability to effectively use the resources necessary to provide meaningful lab experiences to students inhibits the science curriculum, as lesson are abbreviated or done as demonstrations rather than student-participatory labs. The structure of the spaces reflects the educational pedagogy of the 1970's, and the spaces are in need of reconfiguration to best deliver 21st century science instruction to students.

Finally, the current electrical infrastructure within the building leads to a lack of ability to meet specific curriculum needs. The common classroom does not have the circuitry required to support common uses of electrical devices. As a result, we are limited in the programs that can be offered in a typical BHS classroom, as much of the newer electronic supports to teaching are imprudent given wiring.

Please also provide the following:**Name of accrediting entity (maximum of 100 characters):**

New England Association of Schools and Colleges (NEASC)

Current Accreditation Status: Please provide appropriate number as 1=Passed, 2=Probation, 3=Warning, 4=Lost:

3

If "WARNING", indicate the date accreditation may be switched to Probation or lost: 10/1/2019**If "PROBATION", indicate the date accreditation may be lost:****Please provide the date of the first accreditation visit that resulted in your current accreditation status.:**

10/1/2017

Please provide the date of the follow-up accreditation visit: 10/1/2019**Are facility-related issues related to Media Center/Library? If yes, please describe in detail in Question 1 below.:**

NO

Are facility-related issues related to Science Rooms/Labs? If yes, please describe in detail in Question 1 below.:

YES
Are facility-related issues related to general classroom spaces? If yes, please describe in detail in Question 1 below.: YES
Are facility-related issues related to SPED? If yes, please describe in detail in Question 1 below.: NO
Are facility-related issues related to support spaces? If yes, please describe in detail in Question 1 below.: NO
Are facility-related issues related to "Other"? If yes, please identify the other area below and describe in detail in Question 1 below.: YES

Please describe (maximum of 100 characters).:

Bathrooms and plumbing,Electrical,Building systems and infrastructure,Floor tile
Lighting

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Priority 5

Question 1: Please provide a detailed description of the issues surrounding the school facility systems (e.g., roof, windows, boilers, HVAC system, and/or electrical service and distribution system) that you are indicating require repair or replacement. Please describe all deficiencies to all systems in sufficient detail to explain the problem.

The HVAC control system at BHS is aged and in various states of disrepair. The controls for two of the five boilers in the basement of BHS required emergency repair this winter to be brought back online during the historic cold snap. There are various and frequent problems with the HVAC system as a whole. Classroom univents make loud noises, need frequent repair, and often create inconsistent temperatures within classrooms.

Plumbing issues are a regular occurrence in bathrooms, art classrooms, and science labs. The school district employs a plumber, who spends a preponderance of time working at the high school on issues related to clogs, broken fixtures, broken drain pipes, leaking pipes, and faulty shut-off valves. Sinks in both science and art spaces are often in need of repair and therefore unreliable for instruction. The sinks themselves are undersized and inappropriate for the current applications for which they could be used. Bathroom sinks and toilet plumbing issues are a frequent occurrence and lead to bathrooms being shut down while work to repair the damage is conducted.

Windows are original to the building and require regular maintenance attention. In several art classrooms, large windows experience water infiltration in wind-driven rain storms. Large spaces, including the media center, cafeteria and gymnasium are impacted when outdoor temperatures are extreme due to their low insulation value.

Bathrooms at Braintree High School are original, with repairs and limited upgrades being done over time. The bathrooms that service the auditorium, cafeteria and gymnasium are undersized by today's standards, and heavy use during events creates demands on custodial workers. Due, in part to the age of the bathrooms, the appearance of cleanliness is impacted. Non-uniform/patchwork repairs over the years has resulted in a mismatch of tile, fixtures, and partitions in many bathrooms. In addition, toilets and sinks are sometimes taken offline for use for repair. The aged plumbing and china results in the inefficient use of water.

Priority 5

Question 2: Please describe the measures the district has already taken to mitigate the problem/issues described in Question 1 above.

The town is scheduled to implement an ESCO project to address the building and district's needs in the area of energy conservation. Specifically, at BHS, the project will improve HVAC through new controls and an energy management system, and lighting issues financed through the cost savings such improvements would provide to the district in efficiencies. Lighting will be replaced with LED fixtures, which would provide cost savings to the district and updated HVAC controls would improve the effectiveness in energy usage. All bathroom china will be replaced, and new ceiling tiles will be installed throughout the building.

Over the years, the steps taken to mitigate problems identified have been repair activities by our school custodians or district maintenance staff, with some contracted work. The head custodian has done ample work adjusting, by hand, temperature controls on rooftop units to ameliorate heating and cooling issues. Custodians are called on a routine basis to attempt to repair loud or broken classroom univents.

Plumbing issues are addressed by our district's plumber who prioritizes and addresses concerns upon notification of a leak or blockage. The work volume is such that many issues take an inordinate amount of time to be resolved, as the aged nature of the system requires locating older parts and/or improvising solutions given the inability to find necessary materials. The interim headmaster's proposed budget to the superintendent included the request for a renovation of the gymnasium bathrooms, which will be prioritized in the FY18 capital budget.

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Priority 5

Question 3: Please provide a detailed explanation of the impact of the problem/issues described in Question 1 above on your district's educational program. Please include specific examples of how the problem prevents the district from delivering the educational program it is required to deliver and how students and/or teachers are directly affected by the problem identified.

As described in other sections of this document, the heating and cooling problems caused by an inconsistent HVAC system lead to uncomfortable classrooms, where students and teachers can be distracted from learning. Students in mainstream classrooms often wear sweaters or coats in class to address the conditions, and these outfits are not ideal for focused attention and comfort. When weather conditions are extreme, classrooms are sometimes moved to other parts of the building during the day, which disrupts the schedule, limits the resources available to teachers, and is distracting to students.

The functionality and usability of sinks in both science and art classrooms prevent and discourage students and teachers from being able to use them in a way to effectively support curriculum projects. Lessons become limited to those that do not include the use of these resources and certain labs/projects are removed from the curriculum. Aged univents frequently make loud rattling sounds, which impacts learning. The service being provided to keep these units operational often occurs during class time, which can be an additional distraction to the teachers and students in the room.

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Priority 5

Question 4: Please describe how addressing the school facility systems you identified in Question 1 above will extend the useful life of the facility that is the subject of this SOI and how it will improve your district's educational program.

Addressing the facility problems will help to extend the useful life of our building. An efficiently functioning HVAC system would provide a more comfortable atmosphere in which students could engage their education. Properly operating univents would cause fewer distractions, and would help students and teachers focus on learning rather than their environment or comfort. Proper heating and cooling would also provide a better environment for all people working within the building and would greatly improve morale for all stakeholders.

Renovating and upgrading sinks in classroom spaces will allow for full implementation of curriculum that requires these resources, specifically while conducting science labs and working on art projects. Renovating bathrooms will truly extend the useful life of the facility, as these spaces would then be appropriate for various night, weekend, and community events. Functional toilets, sinks, and plumbing will ensure a more comfortable environment and will allow for full access to all bathrooms to appropriately serve a building housing 2,000 individuals. In addition, upgraded and functional bathrooms will convey to the community a sense of pride in the school.

Please also provide the following:

Have the systems identified above been examined by an engineer or other trained building professional?:

YES

If "YES", please provide the name of the individual and his/her professional affiliation (maximum of 250 characters):

NORESCO conducted an investment grade audit of energy related systems, including HVAC and lighting systems.

The date of the inspection: 6/8/2017

A summary of the findings (maximum of 5000 characters):

Existing fluorescent lighting needs to be replaced with LED and install lighting controls; heating controls need replacement; installation of energy management system recommended; installation of energy efficient transformers recommended.

Priority 7

Question 1: Please provide a detailed description of the programs not currently available due to facility constraints, the state or local requirement for such programs, and the facility limitations precluding the programs from being offered.

We currently have a number of facility constraints which result in not being able to offer important aspects of a varied and rich curriculum.

Art: District initiatives look to increase STEAM (Science Technology Engineering Art Math) opportunities for students in line with Massachusetts Visual Arts Curriculum

Frameworks. However, due to the facility we cannot implement such programs as the following:

- o There is no open studio for students' photography work
- o Studio based STEAM courses such as Industrial Design, Architecture, and Structures-- which are a component of the newly revised Massachusetts Design and Visual Communications Frameworks-- cannot be offered due to lack of a workshop area with large tables, areas for electricity, and building space
- o Limited access to functional in-class resources including sinks and cleaning areas for materials reduces curriculum-based projects
- o Our Fine Arts courses cannot teach large scale paintings and projects because of a lack of dedicated wall space for the process of art making

Technology: District initiatives look to increase STEAM opportunities for students in line with Massachusetts Technical Education Curriculum Frameworks. However, due to the facility we are challenged to fully implement such programs as the following:

- o Lack of appropriate and dedicated technology spaces prevents the school from meeting certain high-tech expectations within the Digital Learning Computer Standards Frameworks
- o Suggested high tech programs such as CAD, Robotics, Industrial Design, Coding, Computer Programming, and 3D printing are not offered due to lack of electrical infrastructure and appropriate studio spaces
- o Limited media production space and equipment which hinders expansion of successful pilot program
- o Limited electrical outlets in all classrooms pose an impediment to increasing device use

Science: Massachusetts Science and Technology/Engineering Curriculum Frameworks indicate specific needs for the physical space and types of resources required for lab work:

- o Complex labs from these curriculum frameworks should be added to biology and chemistry curriculum, but they currently cannot be due to existing lab issues;
- o An engineering program aligned with Technology/Engineering Standards within the curriculum frameworks has not been implemented as there is no large open space classroom and electrical infrastructure to teach this course, or to store and operate equipment;
- o Laboratory-based science classes for students in specialized programs are not offered consistently because of a lack of lab space. As a result, these students take their science class in a general education classroom, which is not educationally ideal for many within this population. In addition, a mainstream chemistry class is currently taking place in a Physics classroom, which does not have the proper equipment needed for a chemistry course, due to a lack of appropriately outfitted lab rooms

Physical Education: A component of one of the four goals in the Braintree Public Schools' five year strategic plan is to improve student success in the area of physical wellness. The district's objective to meet the physical aspect of the wellness goal states that we will "develop a plan that seeks to provide opportunities for students to be physically active throughout the school day." In order to fully support that objective, we would look to add the following:

- o Offerings in such areas as spinning, aerobics, dance, aquatics, project adventure (low and high elements), which are topics we cannot address because of our current facility. Expansion of current Physical Education offerings to include elements from the Physical Activity and Fitness standard of the Massachusetts Comprehensive Health Curriculum Frameworks is, therefore, hindered
- o More drinking water fountains throughout our current gymnasium, gymnastics, and fitness room facilities would benefit the health and well-being of students taking classes in these areas.

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Priority 7

Question 2: Please describe the measures the district has taken or is planning to take in the immediate future to mitigate the problem(s) described above.

The capital costs of some of the challenges described above, including space reconfiguration and renovation, are beyond the capacity of existing funding capacity; however, ongoing investments are made through capital funds made available by the Mayor. Over the last several years, this has been primarily in the area of technology, where steps have been taken to enhance teaching and learning and the curriculum opportunities offered. The district was recently awarded a Digital Connections Grant which allowed for all schools in the district to create a robust wireless infrastructure. This has led to a Bring Your Own Device initiative, currently in the first year of a four-year phased process. In addition, technology equipment has been added through capital funding, resulting in an increase to the number of Chromebooks, the addition of a Mac computer lab used in music and world language classes, and, through a partnership with Braintree Cable Access Television (BCAM), equipment for students to use in Media Production classes. Our special education department has re-purposed a storage room to offer basic electronics classes to distinct populations.

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Priority 7

Question 3: Please provide a detailed explanation of the impact of the problem described in this priority on your district's educational program. Please include specific examples of how the problem prevents the district from delivering the educational program it is required to deliver and how students and/or teachers are directly affected by the problem identified.

Many of the issues addressed in Question 1 demonstrate the fact that Braintree High School is regularly challenged to offer all components of 21st century educational programming. While existing programming in each of the areas mentioned are of high quality and delivered by talented faculty, there is more that should be offered to better enhance the education of our students. Essentially, the academic program should be expanded to include the following:

Art

- o An open-studio photography program where students can display their work
- o Studio courses such as Industrial Design, Architecture, and Structures
- o A deeper curriculum in our Fine Arts courses driven by creative spaces and adequate resources

Technology

- o High tech programs such as CAD, Coding, Computer Programming, and 3D printing
- o Electrical infrastructure that supports the expansion of 21st Century devices and learning tools

Science

- o Appropriately designed and outfitted science lab space in locations that allow for the sharing of materials and resources
- o Complex labs in biology and chemistry
- o A 21st century engineering program that is supported by the proper classroom spaces and equipment required
- o Students in specialized programs taking full laboratory-based science classes in spaces designed to meet their unique needs

Physical Education

- o Offerings in such areas as spinning, aerobics, dance, aquatics, project adventure (low and high elements) provided to our students

Without the well-designed and spaces to deliver specialized curriculum and programming, the school is challenged to offer these opportunities to students. Many of the problems delineated requires a substantive change to the organization, outfitting, purposing, and configuration of classroom spaces at Braintree High School. The edifice that represented state-of-the-art educational thinking in 1972, is now strained to meet the learning needs of students preparing to enter a global economy.

REQUIRED FORM OF VOTE TO SUBMIT AN SOI

REQUIRED VOTES

If the SOI is being submitted by a City or Town, a vote in the following form is required from both the City Council/Board of Aldermen **OR** the Board of Selectmen/equivalent governing body **AND** the School Committee.

If the SOI is being submitted by a regional school district, a vote in the following form is required from the Regional School Committee only. FORM OF VOTE Please use the text below to prepare your City's, Town's or District's required vote(s).

FORM OF VOTE

Please use the text below to prepare your City's, Town's or District's required vote(s).

Resolved: Having convened in an open meeting on _____, prior to the closing date, the _____ [City Council/Board of Aldermen, Board of Selectmen/Equivalent Governing Body/School Committee] of _____ [City/Town], in accordance with its charter, by-laws, and ordinances, has voted to authorize the Superintendent to submit to the Massachusetts School Building Authority the Statement of Interest dated _____ for the _____ [Name of School] located at _____ [Address] which describes and explains the following deficiencies and the priority category(s) for which an application may be submitted to the Massachusetts School Building Authority in the future

_____ ; [Insert a description of the priority(s) checked off on the Statement of Interest Form and a brief description of the deficiency described therein for each priority]; and hereby further specifically acknowledges that by submitting this Statement of Interest Form, the Massachusetts School Building Authority in no way guarantees the acceptance or the approval of an application, the awarding of a grant or any other funding commitment from the Massachusetts School Building Authority, or commits the City/Town/Regional School District to filing an application for funding with the Massachusetts School Building Authority.

CERTIFICATIONS

The undersigned hereby certifies that, to the best of his/her knowledge, information and belief, the statements and information contained in this statement of Interest and attached hereto are true and accurate and that this Statement of Interest has been prepared under the direction of the district school committee and the undersigned is duly authorized to submit this Statement of Interest to the Massachusetts School Building Authority. The undersigned also hereby acknowledges and agrees to provide the Massachusetts School Building Authority, upon request by the Authority, any additional information relating to this Statement of Interest that may be required by the Authority.

Chief Executive Officer * **School Committee Chair** **Superintendent of Schools**

(signature)

(signature)

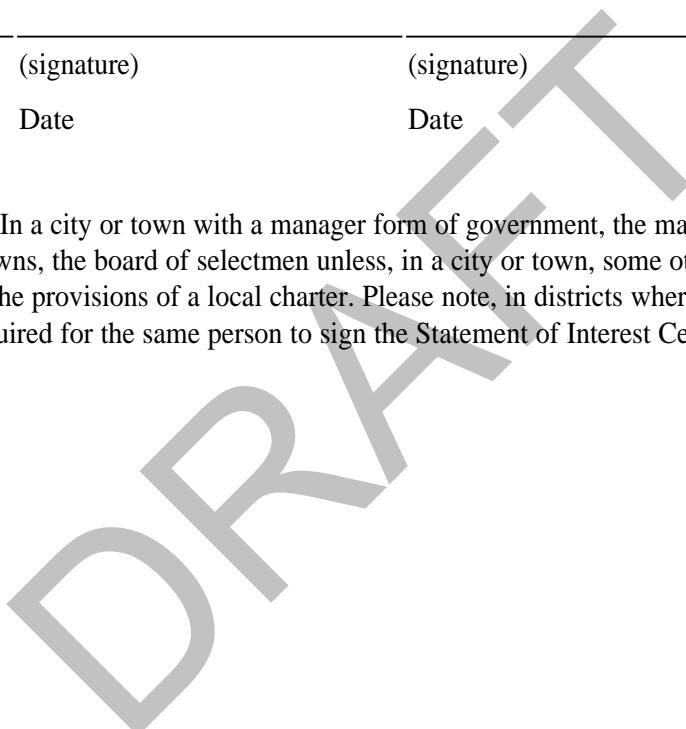
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Date

Date

Date

* Local Chief Executive Officer: In a city or town with a manager form of government, the manager of the municipality; in other cities, the mayor; and in other towns, the board of selectmen unless, in a city or town, some other municipal office is designated to the chief executive office under the provisions of a local charter. Please note, in districts where the Superintendent is also the Local Chief Executive Officer, it is required for the same person to sign the Statement of Interest Certifications twice.



FY2020 BUDGET REVIEW SCHEDULE

<u>Dept. #</u>	<u>Department/Programs</u>	<u>DATE*</u> <u>(May)</u>	<u>TIME*</u> <u>(PM)</u>	<u>PRESENTERS</u>
	FY2020 Revenue Forecast Overview	6	6:00	Joseph Reynolds
161	Town Clerk	6	6:30	James Casey
152	Human Resources	6	7:00	Karen Shanley
610	Library®	6	7:30	Terri Stano
151	Law	6	8:00	Nicole Taub
121	Mayor's Office	6	8:30	Joseph Reynolds
111	Town Council	6	9:00	Susan Cimino
541	Department of Elder Affairs®	7	6:00	Sharmila Biswas
241	Municipal Licenses and Inspections®	7	6:15	Marybeth McGrath
175	Planning and Community Development	7	6:45	Christine Stickney
300	Education®	7	7:00	Frank Hackett
133	Finance Programs	7	7:30	Edward Spellman
210	Police	8	6:30	Paul Shastany
220	Fire	8	7:15	James O'Brien
350	Blue Hill Regional High School	8	7:45	James P. Quaglia
400	Public Works Department®	13	6:00	James Arsenault
610	Golf®	13	6:30	Daryn Brown
436	Sewer	13	7:00	James Arsenault
438	Water	13	7:30	James Arsenault
640	Storm Water	13	8:00	James Arsenault
	Departmental Call Backs	20	6:00	
	TOWN COUNCIL/ANNUAL TOWN MEETING	May 28	7:00	

*Dates and Times are tentative and are subject to change. All participants are requested to appear at least 30 minutes prior to their scheduled time.

®Includes Revolving Fund Accounts