

MERRIMACK SCHOOL DISTRICT
Budget Unit MAINTENANCE (08)
Analysis of Proposed Expenditures – 2018-2019

Maintenance

Budget Proposal

2018-2019

Funds requested in the budget proposal reflect costs associated with the maintenance of schools, buildings and grounds in the school district.

The significant items in the 2018-2019 budget are:

- Replacement of a portion of outside bleachers at Merrimack High School
- Replacement of a 20,292 square foot section of roof at Reeds Ferry Elementary School
- Addition of a district-wide PFOA water filtration system
- Significant increase in the building upkeep and repair account for replacement or upgrade of specified items

It is also important to note that the proposed utility costs were based on the most accurate information at the time of budget preparation.

Respectfully submitted,



Thomas Touseau
Director of Building and Grounds
Merrimack School District

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Other Purchased Services - (8400)

The following accounts provide funds to pay water and sewer fees, maintenance and repairs for the year 2018-2019:

100-2620-40-8411-04 - Maint/Utilit/Wtr&Swr/Supt Off

2016-2017 Budgeted - \$	578.00
2016-2017 Expended - \$	550.70
2017-2018 Budgeted - \$	581.00
2018-2019 Proposed - \$	581.00

100-2620-40-8411-06 - Maint/Utilit/Wtr&Swr/Spe Ser Off

2016-2017 Budgeted - \$	525.00
2016-2017 Expended - \$	498.05
2017-2018 Budgeted - \$	546.00
2018-2019 Proposed - \$	546.00

100-2620-40-8411-08 - Maint/Utilit/Wtr&Swr/Maint

2016-2017 Budgeted - \$	782.00
2016-2017 Expended - \$	851.65
2017-2018 Budgeted - \$	905.00
2018-2019 Proposed - \$	905.00

100-2620-40-8411-11 - Maint/Utilit/Wtr&Swr/MES

2016-2017 Budgeted - \$	5,958.00
2016-2017 Expended - \$	3,799.57
2017-2018 Budgeted - \$	5,958.00
2018-2019 Proposed - \$	5,075.00

100-2620-40-8411-12 - Maint/Utilit/Wtr&Swr/RFS

2016-2017 Budgeted - \$	4,131.00
2016-2017 Expended - \$	3,667.08
2017-2018 Budgeted - \$	4,199.00
2018-2019 Proposed - \$	4,199.00

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Other Purchased Services - (8400)

100-2620-40-8411-13 - Maint/Utilit/Wtr&Swr/TFS

2016-2017 Budgeted - \$ 4,643.00
2016-2017 Expended - \$ 7,112.90*
2017-2018 Budgeted - \$ 4,214.00
2018-2019 Proposed - \$ 5,113.00

*The overage for the expended amount was due to a sewer pump repair for \$2,000.00.

100-2620-40-8411-18 - Maint/Utilit/Wtr&Swr/MUES

2016-2017 Budgeted - \$ 6,260.00
2016-2017 Expended - \$ 5,193.97
2017-2018 Budgeted - \$ 6,389.00
2018-2019 Proposed - \$ 6,389.00

100-2620-40-8411-21 - Maint/Utilit/Wtr&Swr/MMS

2016-2017 Budgeted - \$ 6,534.00
2016-2017 Expended - \$ 7,581.31
2017-2018 Budgeted - \$ 6,719.00
2018-2019 Proposed - \$ 7,581.00

100-2620-40-8411-31 - Maint/Utilit/Wtr&Swr/HS

2016-2017 Budgeted - \$21,791.00
2016-2017 Expended - \$29,017.68
2017-2018 Budgeted - \$21,791.00
2018-2019 Proposed - \$21,791.00

100-2620-40-8421-08 - Maint/Rubbish Disposal-DW

2016-2017 Budgeted - \$53,000.00
2016-2017 Expended - \$52,669.06
2017-2018 Budgeted - \$53,000.00
2018-2019 Proposed - \$53,000.00

To provide funds for rubbish disposal at all six (6) schools for 2018-2019.

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Other Purchased Services - (8400)

100-2620-40-8432-08 - Maint/Cr & Upkp-Bld Serv-Repr

2016-2017 Budgeted - \$243,570.00
2016-2017 Expended - \$242,005.86
2017-2018 Budgeted - \$216,220.00
2018-2019 Proposed - \$355,095.00

The significant increase in the account is due to the purchase of additional security cameras, maintenance of cameras, replacement of cafeteria tables and cabinets.

Roof Maintenance - DW - \$10,000.00

Funds necessary for preventive roof maintenance.

Replace Floor Tile/Carpet/Treads - DW - \$8,000.00

Funds necessary to repair/replace floor tile, carpet, stair treads and cove base.

Painting - DW - \$15,000.00

Funds necessary to provide labor and materials to paint portions of the interior and exterior of all schools.

Upkeep Drapes/Shades - DW - \$3,000.00

Funds necessary to maintain drapes/shades in all the schools. This includes rollers, drapery cords, etc.

Refinish Gym Floors - DW - \$26,965.00

Funds necessary for annual maintenance of seven (7) wood gym floors. This includes painting of lines, screening and refinishing with two coats of gym floor finish.

Repairs - DW - \$15,000.00

Funds necessary for furniture repair parts, i.e. desk tops, seats, cafeteria table parts.

Striping Parking Lots - DW - \$5,000.00

Funds necessary to stripe fire lanes, no parking, one way, handicap, etc.

Plowing - DW - \$69,400.00

Funds necessary for snow plowing and snow removal for all school district parking lots.

MERRIMACK SCHOOL DISTRICT
 Budget Unit Maintenance Department (08)
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 Object - Other Purchased Services - (8400)

Whiteboards - DW - \$15,000.00

Funds necessary to provide, install and maintain whiteboards in classrooms in all schools.

Cameras/Additional - DW - \$ 47,732.00

Funds necessary to install interior and exterior cameras at Merrimack High School and Merrimack Middle School.

Merrimack High School - \$ 28,445.00

Twelve (12) interior cameras and one (1) exterior camera

Merrimack High School Lower Field - \$ 12,442.00

Two (2) exterior cameras

Merrimack Middle School - \$ 6,845.00

Three (3) interior cameras

Camera/Maintenance Program - DW - \$ 20,705.00

Funds necessary for the annual maintenance of fifty (50) interior, fifty (50) exterior and eight (8) DVR surveillance camera recording equipment. Also, software upgrades needed for programming and managing twenty (20) access control panels.

Merrimack High School	(9) Exterior cameras
Merrimack High School	(36) Interior cameras
Merrimack Middle School	(6) Exterior cameras
Merrimack Middle School	(9) Interior cameras
Merrimack Middle School Field House	(2) Exterior cameras
Mastricola Upper Elementary	(10) Exterior cameras
Mastricola Upper Elementary	(2) Interior cameras
Mastricola Elementary	(10) Exterior cameras
Mastricola Elementary	(1) Interior cameras
Reeds Ferry Elementary	(7) Exterior cameras
Reeds Ferry Elementary	(1) Interior cameras
Thorntons Ferry Elementary	(6) Exterior cameras
Thorntons Ferry Elementary	(1) Interior cameras

Interior/Exterior Cameras	\$14,958.00
ACCESS Control	\$ 2,950.00
PC Digital Video Recorders (PC DVRs/DVR etc.)	<u>\$ 2,797.00</u>

TOTAL \$20,705.00

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08),
Analysis of Proposed Expenditures 2018-2019
Object - Other Purchased Services - (8400)

Art Room Cabinets - MUES - \$ 46,043.00

Funds necessary to replace cabinets and tops in the art room at Mastricola Upper Elementary School.

Café Table Replacement - MES - \$ 48,500.00

Funds necessary to replace the café tables which were originally purchased twenty-nine (29) years ago at Mastricola Elementary School.

Sink Bases - MES - \$ 24,750.00

Funds necessary to replace eleven (11) classroom cabinet base and sink combinations at Mastricola Elementary School.

100-2630-40-8432-08 - Maint/Grounds Repair

2016-2017 Budgeted - \$ 27,500.00

2016-2017 Expended - \$ 21,632.44

2017-2018 Budgeted - \$ 27,500.00

2018-2019 Proposed - \$ 27,500.00

Funds necessary to repair playground equipment and sports equipment, e.g. swing seats, chains, bleachers, soccer goals, field hockey goals, outside basketball backboards, sprinklers, fiber material for under the playground equipment, fences, sprinkler heads, and track.

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Other Purchased Services - (8400)

100-2640-40-8432-08 - Maint/Cr-Upkp of Equip/Reprs

2016-2017 Budgeted - \$437,104.00
2016-2017 Expended - \$419,938.78
2017-2018 Budgeted - \$446,792.00
2018-2019 Proposed - \$456,771.00

Maintenance Supplies - \$22,500.00

Funds necessary to purchase hardware, lumber, signs, caulking compound, locker parts, glides, welding supplies, filters, etc.

Contracted Services - \$ 434,271.00

Funds necessary to maintain fire alarms, clocks, elevators, sound systems, air handlers, controls, domestic hot water equipment, and all heating and ventilating motors, belts, filters, and related equipment. These services are provided by outside vendors. This account reflects a three percent (3%) increase in the contractual agreement for Mechanical/Energy Management Maintenance.

Bleacher/Gym Equipment Maintenance	20,000.00
Maintenance & Repair on Telephone System for all schools, Office Buildings and Cellular Phones	10,669.00
Mechanical/Energy Management/Maintenance Agreement	342,602.00
Elevator Maintenance (4)	5,575.00
Annual Fire Equipment Service	4,300.00
Communications Systems/Maintenance	8,240.00
Fire Alarm Service	40,700.00
Security Systems, Scoreboards, Misc.	<u>2,185.00</u>
TOTAL	\$434,271.00

MERRIMACK SCHOOL DISTRICT
 Budget Unit Maintenance Department (08)
 Analysis of Proposed Expenditures 2018-2019
 Object - Other Purchased Services - (8400)

100-2620-40-8433-08 - Maint/Vehicle Repairs

2016-2017 Budgeted - \$12,823.00
 2016-2017 Expended - \$13,371.40
 2017-2018 Budgeted - \$12,823.00
 2018-2019 Proposed - \$12,823.00

<u>Year</u>	<u>Make</u>	<u>Approx. Annual Usage</u>	<u>Annual Maint. Cost</u>
1976	MF20 Tractor	200 hours	965.00
1979	MF230 Tractor	240 hours	750.00
1979	Belly Mount Woods Mower		260.00
1980	Rear Mount Sweeper		150.00
1989	Jacobsen Overseeder		500.00
2010	Hand Mowers		75.00
1995	Cub Cadet Tractor		100.00
2001 2008	Triplex Mowers (2)/ Sharpen reels X-Mark (2)		5,000.00
2001	Aerator		250.00
2001	Top Dresser/Groomer		250.00
2000	MF1244 Tractor	240 hours	500.00
2008	Ford Truck/Plow (Black)	5,000 miles	800.00
2008	Ford Dump Truck (White)	5,000 miles	800.00
2015	Ford Truck/Plow (White)	5,000 miles	400.00
2015	Ford Van (White)	5,000 miles	400.00
2015	Ford Truck/Plow (Green)	5,000 miles	400.00
2016	Ford Van (White)	5,000 miles	400.00
Miscellaneous Equip. - Snow Blowers, spreaders, post hole diggers, trimmer, etc.			823.00
			<hr/> \$ 12,823.00

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Other Purchased Services - (8400)

100-4600-40-8450-08 - Maint/Energy & Light/Retrofit/DW

2016-2017 Budgeted - \$602,433.00
2016-2017 Expended - \$602,433.30
2017-2018 Budgeted - \$617,191.00
2018-2019 Proposed - \$451,674.00

Funds necessary for the yearly cost of the warranty agreement with Honeywell which reflects an increase of three and one half percent (3.5%). The overall reduction in the line item is due to the elimination of the natural gas conversion project.

100-4600-62-8451-08 - Repair/DW

2016-2017 Budgeted - \$1,569,750.00
2016-2017 Expended - \$1,570,998.91
2017-2018 Budgeted - \$1,815,486.00
2018-2019 Proposed - \$ 955,890.00

DW - Water Filtration System - \$128,590.00

Funds necessary to provide and install a water filtration system in the six (6) schools to remove PFOA contaminants.

The items listed below are in the Capital Improvement Plan.

MHS - Bleachers - \$320,000.00

Funds necessary to replace the old outside section of bleachers which were originally installed in 1977 and refurbished in 2001 at Merrimack High School.

RFS - Roof Replacement - \$507,300.00

Funds necessary to replace a 20,292 square foot section of roof at Reeds Ferry Elementary School.

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Other Purchased Services - (8500)

100-2610-40-8531-08 - Maint/Telephone

2016-2017 Budgeted - \$6,039.00
2016-2017 Expended - \$6,123.00
2017-2018 Budgeted - \$6,175.00
2018-2019 Proposed - \$6,549.00

Funds necessary to provide all fire alarm lines, energy management lines, elevator and the maintenance office phone. This represents a three-year average of expenditures.

100-2610-40-8534-08 - Maint/Postage

2016-2017 Budgeted - \$142.00
2016-2017 Expended - \$141.61
2017-2018 Budgeted - \$140.00
2018-2019 Proposed - \$140.00

Funds necessary to provide postage. This represents a three-year average of expenditures.

100-2610-40-8550-08 - Maint/Printing

2016-2017 Budgeted - \$200.00
2016-2017 Expended - \$200.00
2017-2018 Budgeted - \$200.00
2018-2019 Proposed - \$200.00

Funds necessary for printing various forms, i.e. letterheads, use of facilities, and job orders.

100-2610-40-8580-08 - Maint/Travel

2016-2017 Budgeted - \$1,700.00
2016-2017 Expended - \$1,407.05
2017-2018 Budgeted - \$1,700.00
2018-2019 Proposed - \$1,700.00

Funds necessary to reimburse the Director for mileage used while conducting school business.

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Supplies and Materials - (8600)

100-2610-40-8610-08 - Office Supplies

2016-2017 Budgeted - \$600.00
2016-2017 Expended - \$394.26
2017-2018 Budgeted - \$600.00
2018-2019 Proposed - \$600.00

Funds necessary to purchase office supplies.

100-2620-40-8610-08 - Maint/Cr & Upkp - Bldgs-Supplies

2016-2017 Budgeted - \$139,762.00
2016-2017 Expended - \$139,974.80
2017-2018 Budgeted - \$139,762.00
2018-2019 Proposed - \$139,762.00

Custodial Supplies - \$94,554.00

Funds necessary to provide the following: hand soap, plastic bags, paper products, mops, disinfectant, floor finish, and other cleaning materials.

Electrical Supplies - \$20,720.00

Funds necessary to provide the following: light bulbs, ballasts, electric door holders, emergency lights, and other electrical supplies.

Glass Replacement - \$5,021.00

Funds necessary to replace screens, broken windows and/or door glass.

Plumbing Supplies - \$19,467.00

Funds necessary to purchase the following: replacement toilets, urinals, water coolers, flush valves, sink traps, faucets, hot water tanks, and other supplies.

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Supplies and Materials - (8600)

100-2630-40-8610-08 - Maint/Grounds Supplies

2016-2017 Budgeted - \$38,386.00
2016-2017 Expended - \$37,375.77
2017-2018 Budgeted - \$38,386.00
2018-2019 Proposed - \$38,386.00

Funds necessary to maintain approximately fifty (50) acres of school District mowable grounds, i.e., fertilizer, grass seed, lime, paint to line the athletic fields, posts, and ice melt.

High School
Football/Soccer/Lacrosse
Softball/Lower Practice Field

TF School
Play Field

Middle School
Soccer
Baseball
Softball

RF School
Play Field

Mastricola Elementary
Field Hockey
Baseball

Upper Elementary
Soccer
Baseball
Softball

100-2640-40-8610-08 - Maint/Cr-Upkp of Equip/Supplies

2016-2017 Budgeted - \$8,475.00
2016-2017 Expended - \$8,470.47
2017-2018 Budgeted - \$8,475.00
2018-2019 Proposed - \$8,475.00

Funds necessary to purchase door hardware and maintain all doors, i.e., panic devices, closers, silencers, and lock sets. This account also includes leasing and maintenance of the photocopier.

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Supplies and Materials - (8600)

100-2620-40-8621-08 - Maint/Utility/Gas/Maint

2016-2017 Budgeted - \$ 3,221.00
2016-2017 Expended - \$ 2,502.87
2017-2018 Budgeted - \$ 2,775.00
2018-2019 Proposed - \$ 2,503.00

Funds necessary to provide natural gas for the Maintenance Building.

100-2620-40-8621-11 - Maint/Utility/Gas/ME

2016-2017 Budgeted - \$82,621.00
2016-2017 Expended - \$54,671.85
2017-2018 Budgeted - \$59,095.00
2018-2019 Proposed - \$54,672.00

Funds necessary to provide natural gas for Mastricola Elementary School. This line item also includes the Mastricola Upper Elementary School library and the Smith gym because of the boiler location.

100-2620-40-8621-13 - Maint/Utility/Gas/TF

2016-2017 Budgeted - \$36,909.00
2016-2017 Expended - \$34,661.58
2017-2018 Budgeted - \$33,475.00
2018-2019 Proposed - \$34,662.00

Funds necessary to provide natural gas for Thorntons Ferry Elementary School.

100-2620-40-8621-18 - Maint/Utility/Gas/MUES

2016-2017 Budgeted - \$77,399.00
2016-2017 Expended - \$45,729.43
2017-2018 Budgeted - \$59,339.00
2018-2019 Proposed - \$45,729.00

Funds necessary to provide natural gas for Mastricola Upper Elementary School.

100-2620-40-8621-21 - Maint/Utility/Gas/MMS

2016-2017 Budgeted - \$55,495.00
2016-2017 Expended - \$43,942.51
2017-2018 Budgeted - \$46,995.00
2018-2019 Proposed - \$45,689.00

Funds necessary to provide natural gas for Merrimack Middle School.

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Supplies and Materials - (8600)

100-2620-40-8621-31 - Maint/Utility/Gas/MHS

2016-2017 Budgeted - \$165,209.00
2016-2017 Expended - \$ 91,882.51
2017-2018 Budgeted - \$121,950.00
2018-2019 Proposed - \$ 91,883.00

Funds necessary to provide natural gas for Merrimack High School.

The following accounts provide funds to pay for electricity for the year 2018-2019:

100-2620-40-8622-04 - Maint/Utilit/Elect/Supt Off

2016-2017 Budgeted - \$2,882.00
2016-2017 Expended - \$2,110.80
2017-2018 Budgeted - \$2,465.00
2018-2019 Proposed - \$2,111.00

100-2620-40-8622-06 - Maint/Utilit/Elect/Sep Off

2016-2017 Budgeted - \$2,310.00
2016-2017 Expended - \$2,110.79
2017-2018 Budgeted - \$2,436.00
2018-2019 Proposed - \$2,111.00

100-2620-40-8622-08 - Maint/Utilit/Elect/Maint

2016-2017 Budgeted - \$2,055.00
2016-2017 Expended - \$2,261.55
2017-2018 Budgeted - \$2,241.00
2018-2019 Proposed - \$2,262.00

100-2620-40-8622-11 - Maint/Utilit/Elect/MES

2016-2017 Budgeted - \$47,687.00
2016-2017 Expended - \$42,818.78
2017-2018 Budgeted - \$50,249.00
2018-2019 Proposed - \$42,819.00

100-2620-40-8622-12 - Maint/Utilit/Elect/RFS

2016-2017 Budgeted - \$40,024.00
2016-2017 Expended - \$45,483.09
2017-2018 Budgeted - \$48,280.00
2018-2019 Proposed - \$45,483.00

MERRIMACK SCHOOL DISTRICT
Budget Unit Maintenance Department (08)
Analysis of Proposed Expenditures 2018-2019
Object - Supplies and Materials - (8600)

100-2620-40-8622-13 - Maint/Utilit/Elect/TFS

2016-2017 Budgeted - \$39,257.00
2016-2017 Expended - \$43,026.04
2017-2018 Budgeted - \$42,389.00
2018-2019 Proposed - \$43,026.00

100-2620-40-8622-18 - Maint/Utilit/Elect/MUES

2016-2017 Budgeted - \$ 83,858.00
2016-2017 Expended - \$ 92,271.43
2017-2018 Budgeted - \$ 91,422.00
2018-2019 Proposed - \$ 92,271.00

100-2620-40-8622-21 - Maint/Utilit/Elect/MMS

2016-2017 Budgeted - \$117,695.00
2016-2017 Expended - \$135,942.61
2017-2018 Budgeted - \$140,342.00
2018-2019 Proposed - \$135,943.00

100-2620-40-8622-31 - Maint/Utilit/Elect/HS

2016-2017 Budgeted - \$139,637.00
2016-2017 Expended - \$160,197.39
2017-2018 Budgeted - \$158,765.00
2018-2018 Proposed - \$160,197.00

The following accounts provide funds to pay for oil for the year 2018-2019.

100-2620-40-8624-04 - Maint/Utilit/Oil/Supt Off

2016-2017 Budgeted - \$2,578.00
2016-2017 Expended - \$1,978.19
2017-2018 Budgeted - \$2,578.00
2018-2019 Proposed - \$1,978.00

100-2620-40-8624-06 - Maint/Utilit/Oil/Sep Off

2016-2017 Budgeted - \$3,156.00
2016-2017 Expended - \$2,197.68
2017-2018 Budgeted - \$2,877.00
2018-2019 Proposed - \$2,198.00

MERRIMACK SCHOOL DISTRICT
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Object - Supplies and Materials - (8600)

100-2620-40-8624-12 - Maint/Utilit/Oil/RFS

2016-2017 Budgeted - \$59,922.00
2016-2017 Expended - \$28,530.88
2017-2018 Budgeted - \$40,712.00
2018-2019 Proposed - \$28,531.00

100-2620-40-8626-08 - Maint/Vehicle/Gas/Oil/Maint

2016-2017 Budgeted - \$14,223.00
2016-2017 Expended - \$ 7,256.60
2017-2018 Budgeted - \$14,667.00
2018-2019 Proposed - \$10,962.00

Funds necessary to provide gas and oil for district-owned vehicles.