

SHAWSHEEN VALLEY REGIONAL VOCATIONAL/TECHNICAL SCHOOL DISTRICT
Fiscal Year 2019

Budget Index

1. Superintendent's Presentation
2. Capital Priorities
3. Capital Budget
4. FY19 Draft Operating Budget
5. FY19 Preliminary Projected Assessments
6. Chapter 70 Profiles
7. Foundation Enrollment vs. Chapter 70 Aid Trends
8. Regional Allocation of Minimum Required Contributions
9. Revolving Accounts / Projected Revenues & Expenditures
10. Annual Report
11. Audit

Town Managers' Annual Budget Meeting

Shawsheen Valley Technical School District

February 7, 2018

Mission, Philosophy & Goals

Shawsheen Valley Technical High School,
provides a *positive learning experience*
in a *safe educational environment* that encourages
students to reach their *full potential*, emphasizes the
value of a *strong work ethic*,
and prepares graduates for
adult life in a competitive world.

WHY STUDENTS CHOOSE CTE COURSES



4 Year College Graduates

OCCUPATION	STARTING	AVERAGE
Petroleum Engineer	\$103,000	\$160,000
Actuarial Math	\$58,700	\$120,000
Nuclear Engineer	\$67,600	\$117,000
Chemical Engineer	\$68,200	\$117,000
Aerospace Engineer	\$62,800	\$109,000

Payscale.com

**Bottom 25% of 4 year college graduates
earn no more than the
median high school graduate**

4 Year College Graduates

OCCUPATION	STARTING	AVERAGE
Human Development	\$35,900	\$48,000
Athletic Trainer	\$34,800	\$46,900
Social Worker	\$33,000	\$46,600
Recreation and Leisure	\$32,200	\$45,300
Child and Family Studies	\$30,300	\$37,200

Payscale.com

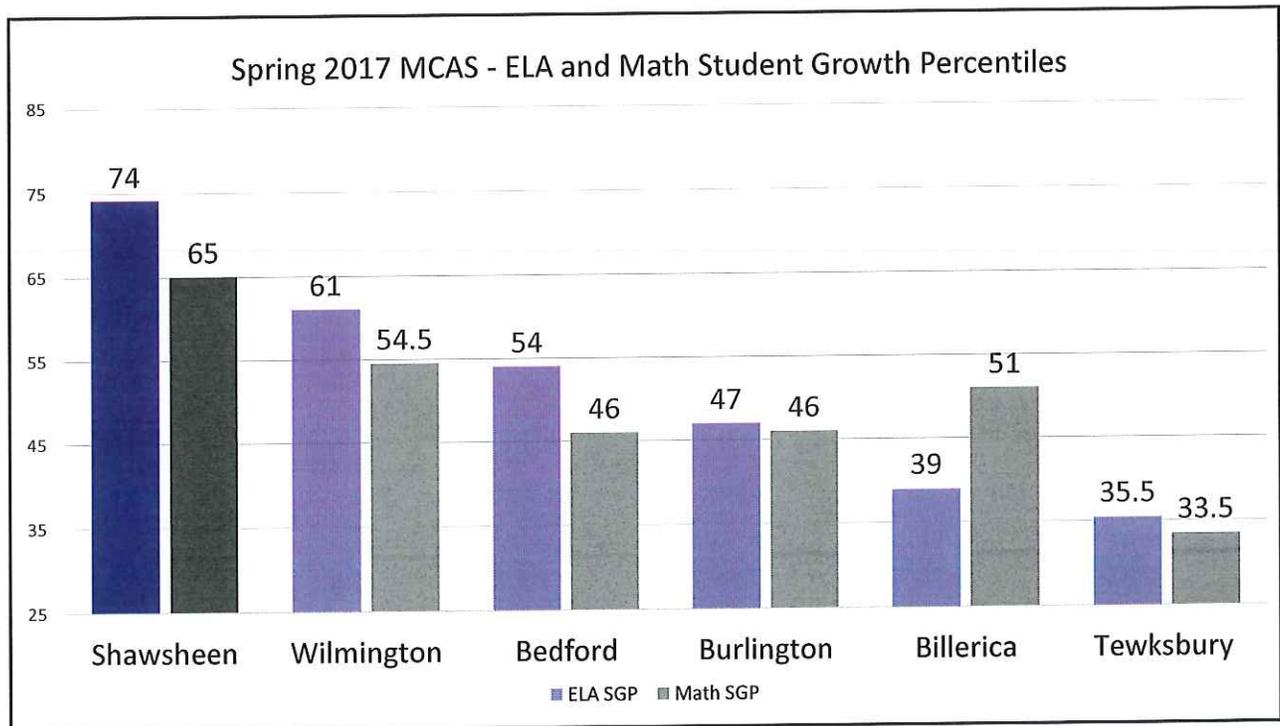
**In the 21st Century Economy
Technical Knowledge is Vastly more
Valuable than Years in School**

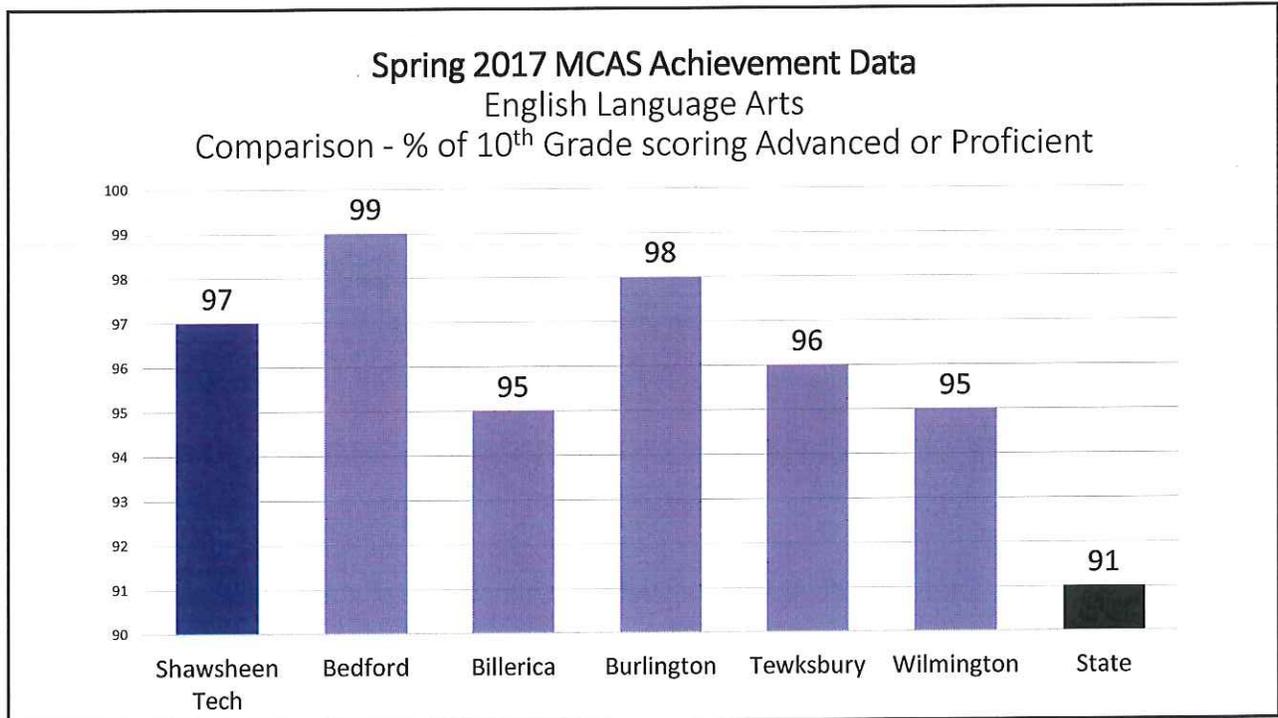
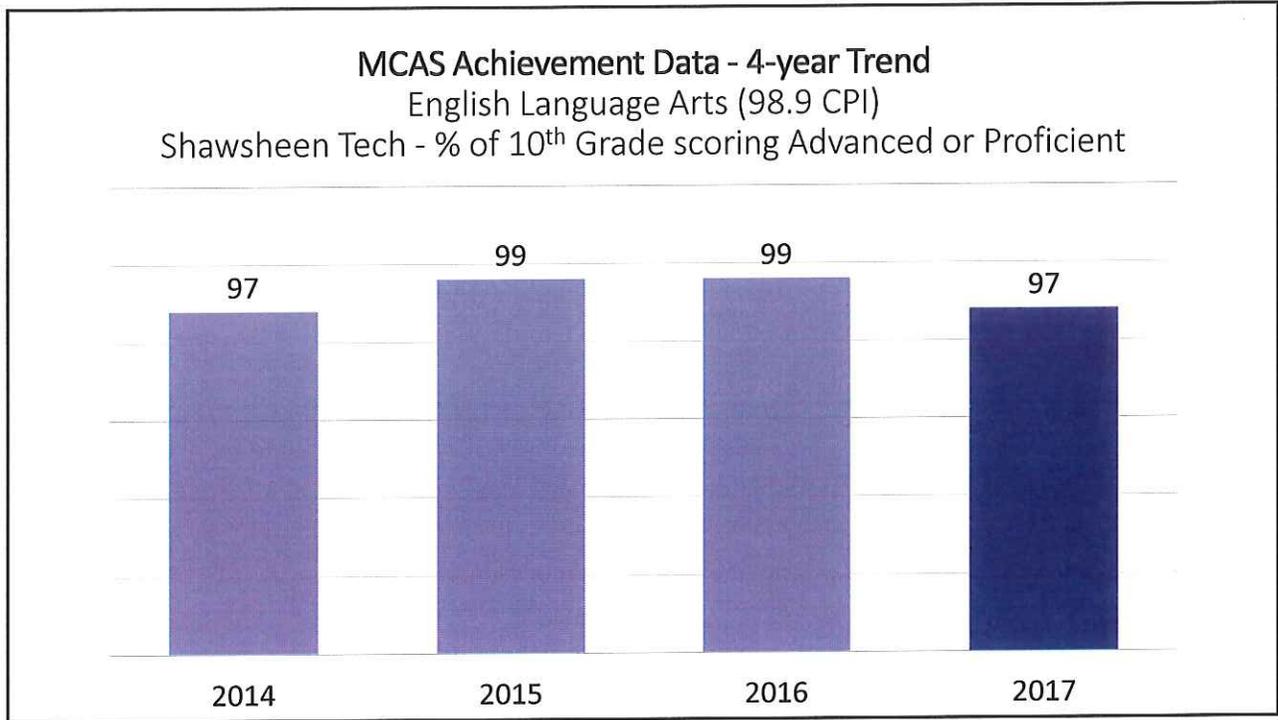
2 Year College Graduates

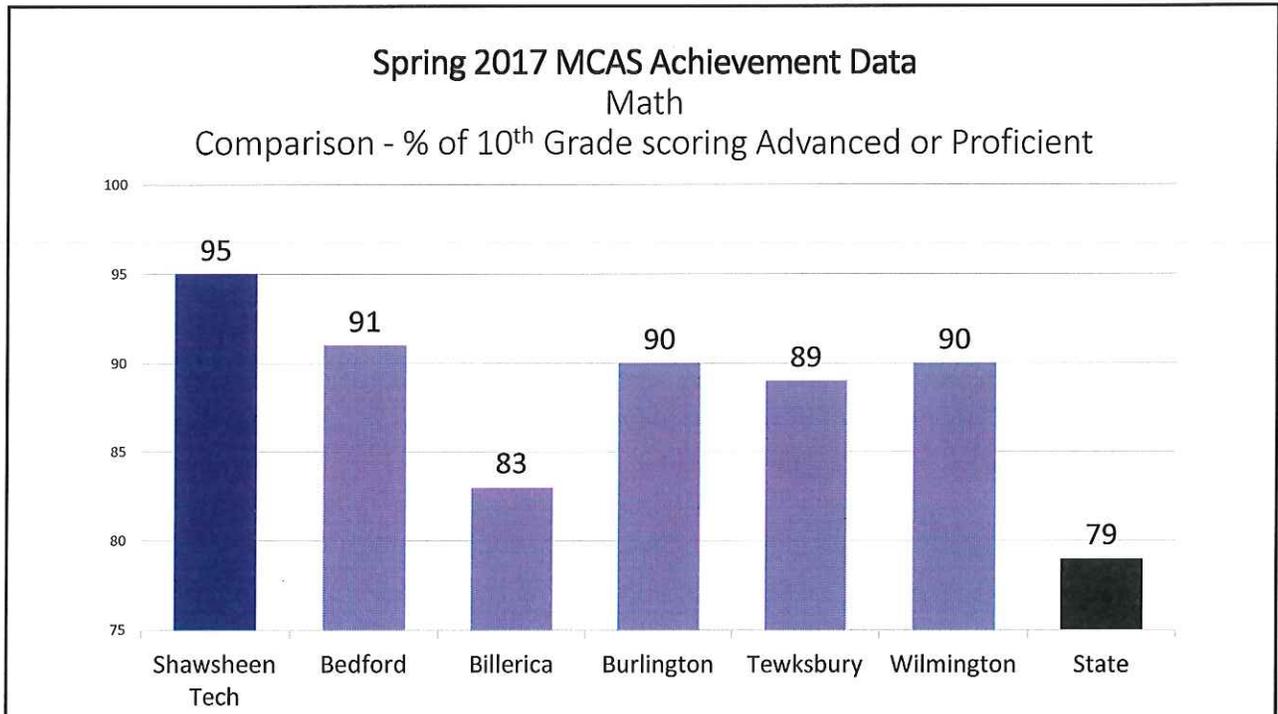
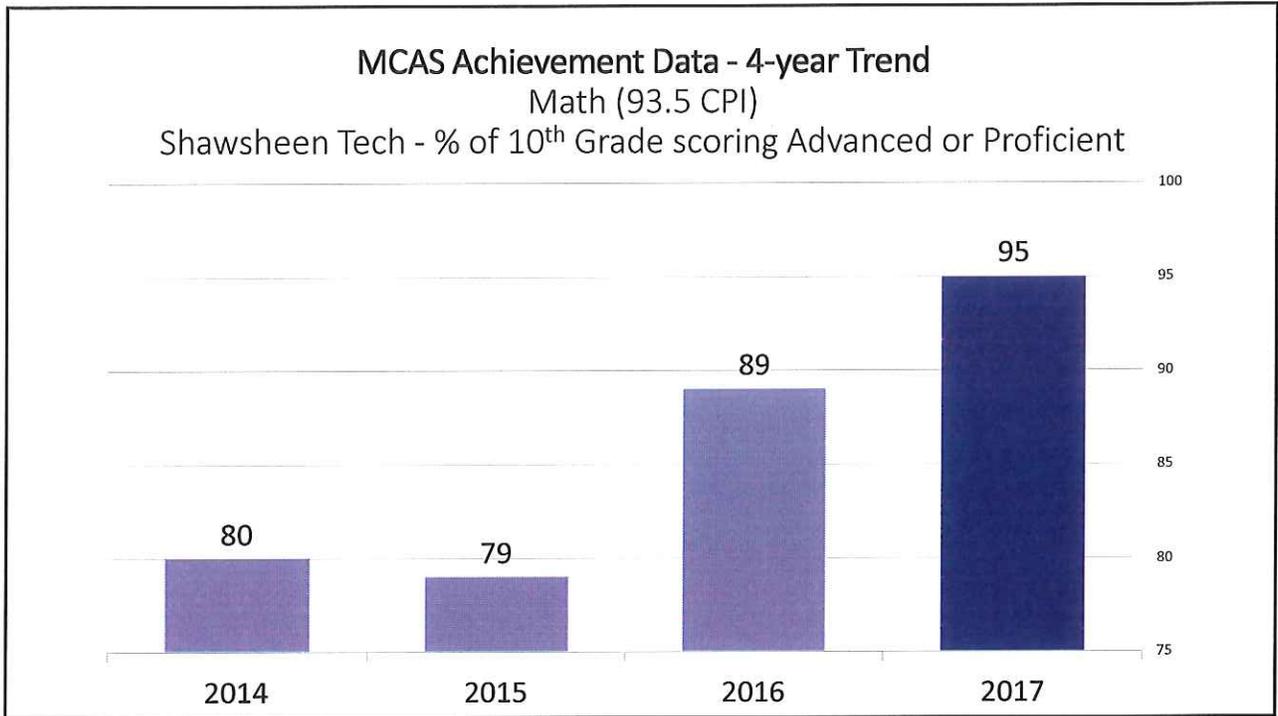
OCCUPATION	STARTING	AVERAGE
Management Info Systems	\$45,100	\$72,100
Electrical and Chemical Engineering Technology	\$45,100	\$69,800
Occ. Health and Safety	\$50,300	\$68,200
Diagnostic Medical Specialist	\$50,200	\$66,800
Computer Programmer	\$42,300	\$65,300

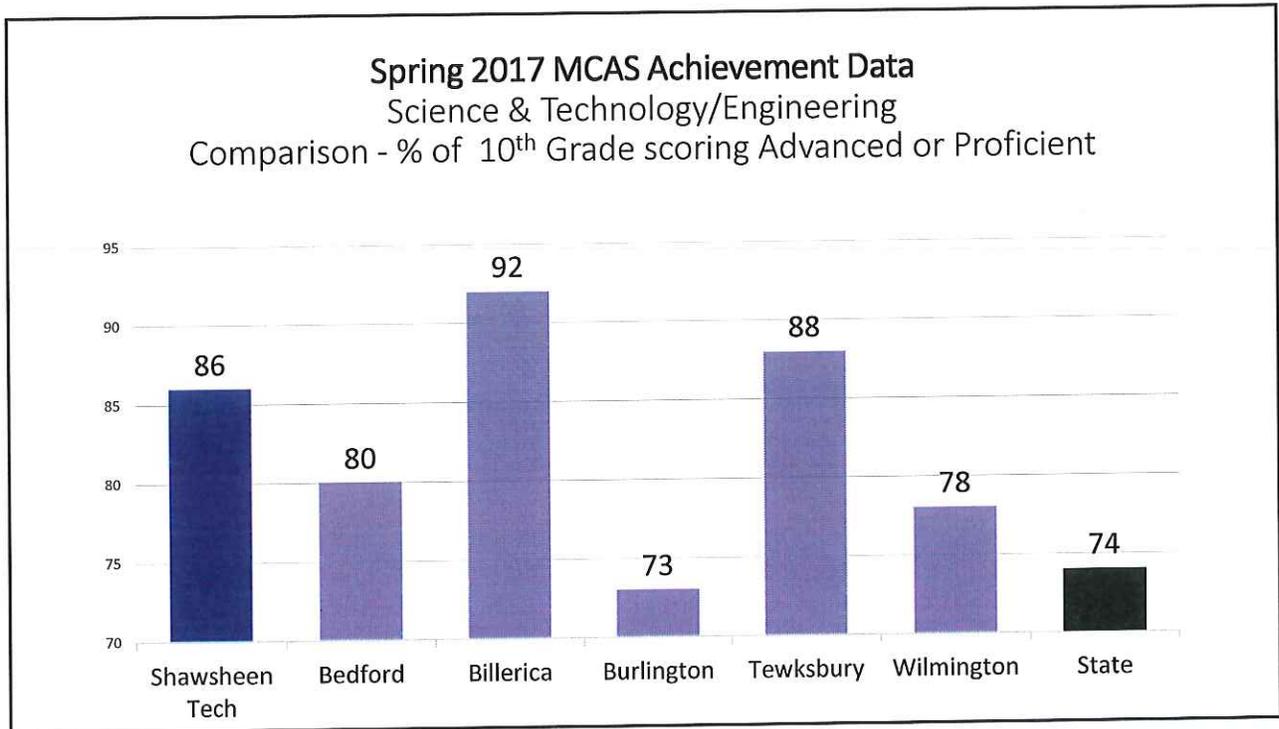
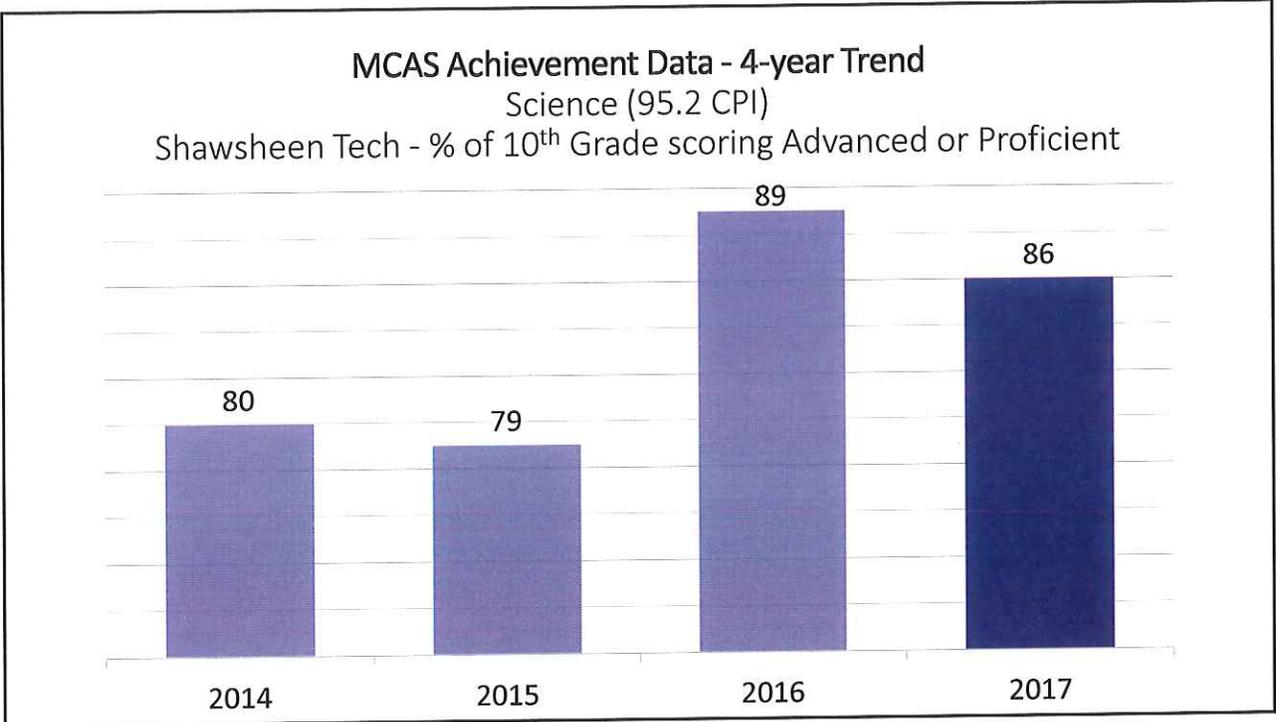
Payscale.com

School / District Accountability Level One District and School









Co-Op Placement

203 out of **250**
qualified seniors are employed

81%



SkillsUSA National Competitors

Shannon Vasas
Maren Williams

Gold
Silver

Healthcare Skills
Auto Refinishing

Top Ten
Top Ten
Top Ten

Entrepreneurship team competition
Promotional Bulletin Board team competition
Healthcare "Tech Prep" team competition

FY2019 Budget & Projected Assessment

FY19 Proposed Capital Budget

per 5-year plan

FY18	FY19	
\$2,036,441	\$1,717,719	Total Capital
- \$870,765	- \$472,354	Grants, Revolving, Other funds
\$1,165,676	\$1,245,365	Assessment to Towns

Operating Budget Key Considerations

Regional School Districts are Municipal Entities

Operating Budget carries all fixed costs:

Snow removal
Custodial Services
Healthcare

Operating Budget Key Considerations

FY19 - Healthcare cost increase limited to 2%

*Due to retirements over last ten to fifteen years,
self-insurance risk pool has grown younger and healthier*

Operating Budget Key Considerations

FY18 - Utilities	<i>increased, anticipating additional costs to light new fields</i>
FY19 - Utilities	<i>level-funded (LEDs in building?)</i>
FY18 – Grounds Maintenance	<i>increased, anticipating additional costs to maintain new fields</i>
FY19 – Grounds Maintenance	<i>level-funded due to reduced natural grass</i>

Operating Budget Key Considerations

Labor Harmony through FY20

Clerical Employees (AFSCME)	2.5%/2.5%/2.5%
Cafeteria Employees (AFSCME)	2.0%/2.0%/2.0%
Teachers' Association (MTA)	2.5%/2.25%/2.0%

Operating Budget Key Considerations

Labor is Approximately 60% of Budget

Contracted Salary Increases for STA = \$607,711
+4.84%

No net change in FTEs

FY19 Proposed Operating Budget

FY18	FY19	
\$28,907,956	\$29,775,195	Total Operating Budget
\$977,564	\$925,055*	YTY \$ Increase
3.49%	3.20%	YTY % Increase

**\$317,344 total increase exclusive of \$607,711 STA contracted raises*

Enrollment

	FY17		FY18		FY19	
Bedford	17	1.3%	21	1.6%	19	1.4%
Billerica	655	47.5%	645	47.7%	630	47.1%
Burlington	114	8.1%	129	9.5%	121	9.0%
Tewksbury	334	26.8%	317	23.4%	336	25.1%
Wilmington	241	18.3%	240	17.8%	231	17.3%
	1,361		1,352		1,337	

Assessments

	FY18	FY19
Bedford	\$479,450	\$465,177
Billerica	\$10,579,268	\$10,917,388
Burlington	\$2,345,972	\$2,291,429
Tewksbury	\$5,566,567	\$6,201,732
Wilmington	\$4,028,625	\$4,088,640
	\$22,999,882	\$23,964,366

Capital Priorities FY17-FY21

Shawsheen Valley Technical School District

February 7, 2018

Capital Planning

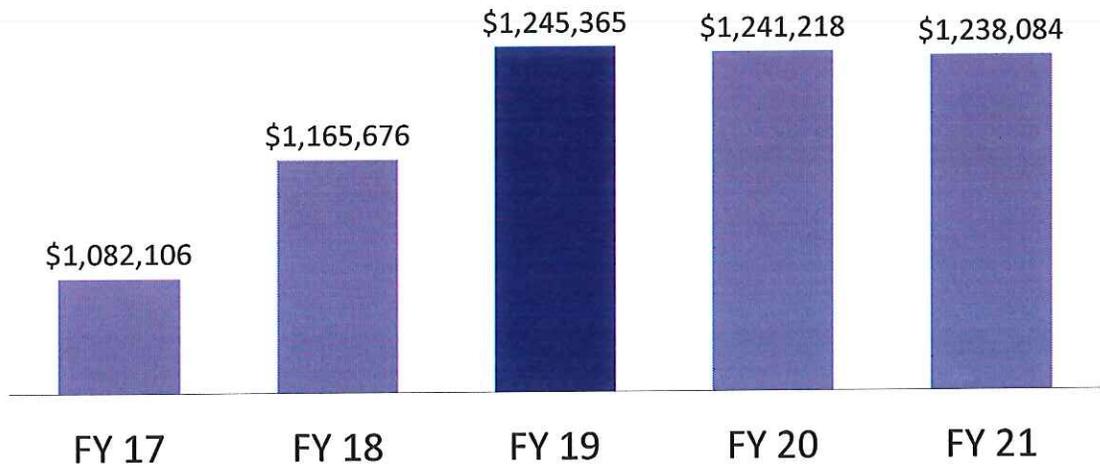
- Separate from Operating Budget Development
= Focus & Prioritization
- Annual Process
- District-wide Five-year Plans
- Decentralized Development
- Collaborative Decision-making

Town Governments & Taxpayers Deserve

- A Capital Plan that is multi-year in scope
- A Capital Plan that protects the asset
- A Capital Plan that is credible
(experts hired to plan & project costs)
- A Capital Plan that is fiscally sound and practical
- A Capital Plan that minimizes major changes in fiscal impact on communities

Projected Capital Assessment to Towns FY 17 to FY 21

using E&D in FY17 and FY18 to fund startup of Athletic Complex Debt Service



Five-year Capital Planning Priorities

Athletic Campus Redevelopment

FY17 - Phase One



Five-year Capital Planning Priorities

Athletic Campus Redevelopment



Five-year Capital Planning Priorities

Athletic Campus Redevelopment



Five-year Capital Planning Priorities

Athletic Campus Redevelopment

Next Steps:

Finish Storage Building at baseball field*

Spring, 2018

Hall of Fame Wall at football field*

Spring-Fall, 2018

Bathroom building at football field*

2019-2020

**to be constructed by Shawsheen Tech teachers & students*

Five-year Capital Planning Priorities

Building Security



Five-year Capital Planning Priorities

Building Security

Next Steps:

Campus surveillance system

Spring, 2018

Crisis Control Center

Spring-Fall, 2018

ALICE training and implementation

2018-2019

Five-year Capital Planning Priorities

Grant-Assisted Program Development / Renovations



Five-year Capital Planning Priorities

Grant-Assisted Program Development / Renovations

Next Steps:

Advanced Manufacturing:

- Implement Higher Education partnerships 2018-2019

Culinary Arts:

- Purchase & install equipment Spring, 2018
- Kitchen & Staff Dining renovations Summer, 2018
- Bakery relocation / Dining Room expansion FY21+

Five-year Capital Planning Priorities

Technology Infrastructure & Integration



Five-year Capital Planning Priorities

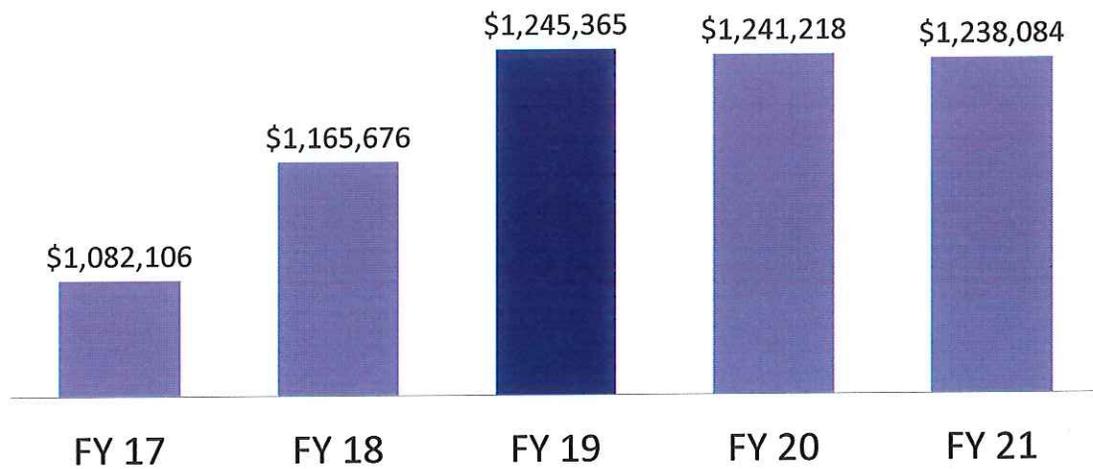
Technology Infrastructure & Integration

Next Steps:

Second Phase of infrastructure improvements	Summer, 2018
Year Two mobile device implementation	2018-2019
Four-Year CVTE device replenishment plan	FY19-FY22
Support structures:	Ongoing
• Tech Procurement Committee	
• Professional Development	
• Policies & Planning documents	

Projected Capital Assessment to Towns FY 17 to FY 21

using E&D in FY17 and FY18 to fund startup of Athletic Complex Debt Service



Long-Term Capital Planning

- Capital Visioning Committee, 2018-2019
 - Long-term future of campus facilities & buildings
 - Evaluate & project bonded indebtedness
 - Consider focus of next significant renovations
 - Consider lifespan of school building
 - Look to FY22 and beyond

**SHAWSHEEN VALLEY REGIONAL
VOCATIONAL/TECHNICAL SCHOOL DISTRICT**

FIVE – YEAR CAPITAL BUDGET

2019 - 2023

**Timothy Broadrick
Superintendent-Director
Approved by the School Committee
December 19, 2017**

Department	Project/Program	FY2019	FY2019	FY2020	FY2021	FY2022	FY2023
		Superintendent Recommendation	Original				
Academic Programs	Computer Technology Plan						
	Installation of Permanent Walls	10,000	10,000	10,000	10,000	10,000	10,000
	Student Desk & Chairs	20,000	20,000	20,000	20,000	20,000	20,000
	Academic Programs Sub Total	30,000	30,000	30,000	30,000	30,000	30,000
Automotive	Computer Technology Plan						
	8 (Eight) Tool Boxes Including Tools	39,710	39,710				
	Rotary 10,000 lb. Lift	5,449	5,449				
	Launch Diagnostics Scan Tool System			6,951			
	Robinair Air Conditioning Recharging Machine				6,500		
	OTC Diagnostic Service Station					6,300	
	Quick Comp Lathe						13,504
	Automotive Sub Total	45,159	45,159	6,951	6,500	6,300	13,504
Autobody	Computer Technology Plan						
	Down Draft Spray Booth	0	180,000	180,000			
	Resistance Spot Welder			30,500			
	Laser Lock Mapping/Measuring System				36,300		
	Aluminum Repair Station					7,245	
	Electric Welding Downdraft Table						9,525
	Autobody Sub Total	0	180,000	210,500	36,300	7,245	9,525
English	Computer Technology Plan						
	Installation of Permanent Wall Between Rooms 322 & 323	0	7,500				
	White Boards			5,000			
	Conversion of Office Space to Classroom				15,000		
	Renovation of Second Floor Storage Area					5,000	
	English Sub Total	0	7,500	5,000	15,000	5,000	0
Math	Computer Technology Plan						
	Installation of Permanent Wall Between Rooms 319 & 321	0	7,500				
	Math Sub Total	0	7,500	0	0	0	0

Department	Project/Program	FY2019 Superintendent Recommendation	FY2019 Original	FY2020	FY2021	FY2022	FY2023
Science	Computer Technology Plan						
	Twenty-six (26) Microscopes	15,028	20,400	20,400			
	Two (2) Microscope Storage Cabinets	2,198	3,100	3,100			
	Set Up	450	450	550			
	Lab Tables				21,000		
	Electrical Outlet Updates, Room 301				6,600		
	Eight (8) Extension Lab Tables, Room 300A					13,000	
	Sixteen (16) Adjustable Height Chairs, Room 300A					3,600	
	Set Up					2,500	
	Dishwasher, Chemistry Laboratory						7,900
	Science Sub Total	17,676	23,950	24,050	27,600	19,100	7,900
Social Studies	Computer Technology Plan			6,999			
	Copier Work Center			6,999			
	Social Studies Sub Total	0	0	6,999	0	0	0
Physical Education	Computer Technology Plan						
	Two (2) Life Fitness Elevation Series Treadmills	0	8,000				
	Two (2) Optima Series Adjustable Benches	0	1,000				
	Aerobics Mat-Cardio Side			10,000			
	Four (4) Strength Stations				10,000		
	Three (3) Cybex Arc Trainers					10,000	
	One (1) Upper Cycle GX Ergometer						2,500
	Row GX Trainer						3,750
	Physical Education Sub Total	0	9,000	10,000	10,000	10,000	6,250
HVAC	Computer Technology Plan						
	Updating Workstations:	0	20,100	20,100			
	Two (2) Air Handlers						
	Two (2) Gas Furnaces						
	Two (2) A-Coils						
	Four (4) Condensers						
	Two (2) Oil Fired Boilers w/Controls and Valves			8,445			
	Gas Boiler System w/High Efficiency Boiler & Tekmar Boiler Controls				5,500		
	Air Conditioning/Heat Pump Learning System					12,450	
	Heat Pump/Duct Work Training Station						18,700
	HVAC Sub Total	0	20,100	28,545	5,500	12,450	18,700
Business Technology	Computer Technology Plan						
	Eighty-Two (82) Laptops & Docking Stations	0	43,140				
	Thirty (30) Student Tables, Room 298			7,800			
	Forty (40) Chairs				6,200	6,200	
	Business Technology Sub Total	0	43,140	7,800	6,200	6,200	0

Department	Project/Program	FY2019 Superintendent Recommendation	FY2019 Original	FY2020	FY2021	FY2022	FY2023
Café	Food Kiosk	5,000	5,000				
	Refrigerator, Reach-In, One-Section	3,200	3,200				4,000
	Proofer Holding Cabinet			2,129			
	Proofer Holding Cabinet			1,454			
	Blodgett Oven				7,500		
	Refrigerator, Reach-In, Two-Section					3,595	
	Café Sub Total		8,200	8,200	3,583	7,500	3,595
Carpentry	Computer Technology Plan						
	12 Passenger Van	0	40,250				
	CNC Router Machine			85,000			
	Telehandler				105,000		
	Upright Vertical Band Saw					12,500	
	Resurface Shop Floor						100,000
Carpentry Sub Total		0	40,250	85,000	105,000	12,500	100,000
Cosmetology	Computer Technology Plan						
	New Semi-Portable Workstations w/Additional Electrical Outlets	0	24,500	24,500			
	Removable of Existing Laminate Floor & Replacement of Vinyl Floor			15,000			
	Sliding Door Locking Cabinet				6,400		
	Replace Sinks & Stations					150,000	
	Renovation of Related Classroom						15,000
Cosmetology Sub Total		0	24,500	39,500	6,400	150,000	15,000
ISSN	Computer Technology Plan						
	Twenty-six (26) Microsoft Surface Books	0	57,200				
	Microsoft Surface Hub Display System, Room 513A	0	7,000				
	ISSN Sub Total	0	64,200	0	0	0	0

Department	Project/Program	FY2019 Superintendent Recommendation	FY2019 Original	FY2020	FY2021	FY2022	FY2023
Culinary	Computer Technology Plan						
	District Match for Workforce Skills Capital Grant	200,000					
	Prep Table, 8 Foot Stainless Steel w/Bottom Shelf & Two (2) Drawers		6,500	6,500			
	6 Foot Stainless Steel Table w/Two (2) Drawers & Bottom Shelf	0	3,000	3,000			
	Bakery - Pot & Pan Washing Machine Motor & Yearly Warranty			5,600			
	Bakery - Donut Fryer			5,200			
	Two (2) Six Foot Stainless Steel Prep Tables w/Bottom Shelf & One (1) Draw			44,275			
	Combination Broil/Bake/Fry Oven			8,085			
	20 Quart Mixer w/Attachments				1,600		
	Chocolate Tempering Machine				18,609		
	Tilt Skillet				5,000		
	Kitchen Pots, Sauté Pans, Stock Pots					10,740	
	Dough Cutter/Divider/Rounder					14,458	
60 Quart Mixer w/Attachments						5,100	
Refrigerator/Freezer, 4 or 6 Door						8,900	
Rhondo Sheeter						10,000	
Replacement of Grease Traps						24,000	
	Culinary Sub Total	200,000	9,500	72,660	25,209	25,198	
Dental Assisting	Computer Technology Plan						
	Sterilization Unit to be Built in Dental Assisting Area. Custom cabinets	21,000	21,000				
	Four (4) Patient Simulators			12,000			
	Digital Sensor				16,000		
	Two (2) Intra Oral Camera Digi-Doc					7,512	
	Phosper Storage						10,000
	Dental Assisting Sub Total	21,000	21,000	12,000	16,000	7,512	10,000
Drafting	Computer Technology Plan						
	CAD Shop Renovation:						
	Paint Shop Walls & Related Room	10,704	10,704				
	Construction - Removal of Workstations & Replace with Mobile Workstations			10,500			
	Lighting-Cloud Ceiling, Task Lighting, Accent Lighting & Gen. Room Lighting				15,000		
	Two (2) Laser Printers					10,000	
	3D Desk Top Printers						10,800
	Drafting Sub Total	10,704	10,704	10,500	15,000	10,000	10,800
Electrical	Computer Technology Plan						
	26' Scissor Lift	27,000	27,000				
	Twenty-four (24) 5' Ladders & Eight (8) 8' Ladders			6,400			
	Replace Lock Out Tag Disconnects & Panels				14,000		
	4" Conduit Bender					16,000	
	Fire Alarm System Trainer						6,500
	Electrical Sub Total	27,000	27,000	6,400	14,000	16,000	6,500

Department	Project/Program	FY2019 Superintendent Recommendation	FY2019 Original	FY2020	FY2021	FY2022	FY2023
Electronics	Computer Technology Plan						
	Printed Circuit Board CNC Routing/Milling Machine plus Accessories	5,800	5,800	6,300			
	3D Printer & Scanner plus Accessories				9,000		
	Three (3) Storage Cabinet Slider Systems					5,800	
	Pace Soldering Station						
	Electronics Sub Total	5,800	5,800	6,300	9,000	5,800	0
Health	Computer Technology Plan						
Assisting	Two (2) Electric Beds w/Built-In Headwalls & Two (2) Portable EKG Machines	28,200	28,200	9,000			
	Bladder Scanner				20,000		
	Patient Simulator						
	Electric Beds					12,800	12,800
	Health Assisting Sub Total	28,200	28,200	9,000	20,000	12,800	12,800
Machine	Computer Technology Plan						
Technology	Horizontal Band saw			19,500			
	Vertical Band saw				22,500		
	Machine Technology Sub Total	0	0	19,500	22,500	0	0
Masonry	Computer Technology Plan						
	14' Enclosed Construction Trailer	0	5,700				
	Portable Dry Cutting Equipment			6,500			
	Dump Trailer Cam 6-10				5,800		
	Masonry Shop Addition 40' x 36'					250,000	250,000
	Masonry Sub Total	0	5,700	6,500	5,800	250,000	250,000
Medical	Computer Technology Plan						
Assisting	Autoclave	0	6,500				
	Portable Digital ECG Computer & Cart w/Wheels			7,500			
	Point of Service Blood Analyzer				35,000		
	Six (6) Exam Tables, Room 610					25,000	
	Medical Assisting Sub Total	0	6,500	7,500	35,000	25,000	0

Department	Project/Program	FY2019 Superintendent Recommendation	FY2019 Original	FY2020	FY2021	FY2022	FY2023
Metal Fabrication	Computer Technology Plan						
	Bradley Sink replacement	5,500	5,500				
	Sheet Metal Equipment:						
	Pneumatic Spot Welder	0	6,335				
	Mechanical Spot Welder	0	4,705				
	Chiller	0	1,747				
	Additional Set Up Cost	0	1,500				
	Tooling Dies for Pipe Bender			5,800			
	Pneumatic Corner Notcher				6,100		
	Artisanal Metal Work Area					12,500	
	Cold Saw						6,400
	Metal Fabrication Sub Total	5,500	19,787	5,800	6,100	12,500	6,400
Plumbing	Computer Technology Plan						
	Mock Up Wall w/16 Work Stations						
	Electrical	0	12,000				
	Carpentry	10,000	20,000				
	HVAC	0	15,000				
	Phase Two: Remove Existing Mock Up; Design New Work Area			32,000			
	GPS Guided Total Station				25,000		
	Plumbing Sub Total	10,000	47,000	32,000	25,000	0	0
Programming & Web	Computer Technology Plan						
	Twenty-Five (25) Infinity Pro SE & Monitors	0	72,475				
	Twenty-Five (25) Ultra Gaming Development Machines w/Monitors			50,000			
	Five (5) Microsoft Hololens			12,500			
	Twenty-five (25) VR Head Sets				7,500		5,000
	Shop Expansion for Free Roam Virtual Reality Arena					15,000	
		Programming & Web Sub Total	0	72,475	62,500	7,500	15,000
Technical Illustration / Commercial Art	Computer Technology Plan						
	Wide Format Giclee printer	8,995	8,995				
	Two (2) HP Color LaserJet Printer, Lab A & Related			6,000			
	Two (2) HP Color LaserJet Printer, Lab B				6,000		
	Versa Scan Color Flatbed Scanner, Lab B & C					56,000	
	Canon Camera w/Lens, Lab A & B						7,748
	Technical Illustration / Commercial Art Sub Total	8,995	8,995	6,000	6,000	56,000	7,748
Library	Computer Technology Plan						
	Feasibility/Design Study	0	20,000				
	Library Infrastructure/Design Renovation, Phase I			155,000			
	E-Books Pilot Program, Phase I			7,000			
	Library Infrastructure/Design Renovation, Phase II				155,000		
	Replace Wheelchair Ramp					30,000	
		Library Sub Total	0	20,000	162,000	155,000	30,000

Department	Project/Program	FY2019 Superintendent Recommendation	FY2019 Original	FY2020	FY2021	FY2022	FY2023
Support Services	Installation of Permanent Wall Between 307A & 307B	0	5,500				
	Installation of Permanent Wall Between 317 & 318	0	7,500				
	Installation of Permanent Wall Between 311 & 313			5,500			
	Installation of Permanent Wall Between 324 & 325			7,500			
	Support Services Sub Total	0	13,000	13,000	0	0	0
Maintenance	Computer Technology Plan						
	Emergency Generator	0	35,000	35,000			
	Ford Dump Truck w/Plow Setup and Plow	0	50,000				
	Replacement of Existing Roof To Exhaust Fans	5,000	5,000	5,000	5,000	5,000	5,000
	Replace Tile/Carpet	25,000	25,000	25,000	25,000	25,000	25,000
	Maintenance Sub Total	30,000	115,000	65,000	30,000	30,000	30,000
Athletics	Chevy 14 Passenger Mini Bus	0	60,000				
	Replace Six (6) Aging Motorized Ceiling Mounted Forward Retractable Basketball Backboards and Rims			25,000			
	Replace Aging Motorized Bleachers				0	82,000	
	Paint Gym Floor (Logo and Lines), Walls and Ceiling	0	19,000		19,000	0	
	Athletics Sub Total	0	79,000	25,000	19,000	82,000	0
Pool	Create All Purpose Room for Use of Health Classroom & Birthday Parties	18,000	18,000				
	Pool Sub Total	18,000	18,000	0	0	0	0
Administration	Computer Technology Plan						
	Safety/Right to Know	10,000	10,000	10,000	10,000	10,000	10,000
	Administration Sub Total	10,000	10,000	10,000	10,000	10,000	10,000
Business Office	Computer Technology Plan						
	HVAC Improvements Machine Technology Shop	50,000	142,000				
	Fire Alarm Replacement	113,479	113,479	75,941	65,398	175,539	
	Van/School Vehicles	60,000	60,000	60,000	60,000	60,000	60,000
	Business Office Sub Total	223,479	315,479	135,941	125,398	235,539	60,000
Computer Services	Volp	0	195,000	195,000	0	0	0
	Network Switches	62,400	62,400	36,400	33,600		
	Replace Wireless Access Points	105,850	105,850	0			
	Network Security Hardware	27,856	27,856	27,856	27,856		
	Replacement LCD	45,000	45,000	8,500			
	Fiber Run to Field House	0	15,000	0			
	Replacement Servers	0	0	0	31,000		
	Computer Services Sub Total	241,106	451,106	267,756	92,456	0	0
	Sub Total all Departments	940,819	1,787,745	1,393,285	894,963	1,085,739	638,127

Green=Perkins, Orange=Revolving, Purple=Grants and Budget Surpluses if available

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Automotive Technology			
Salaries	344,671	361,125	385,025
Supplies	565	585	565
Textbooks	0	0	0
Software	1,500	3,380	1,500
Contract Services	7,074	7,698	7,074
Tools	700	700	700
Equipment	0	0	0
Total	354,510	373,488	394,864
Auto Collision and Repair			
Salaries	164,810	170,602	180,866
Para Professional	0	0	0
Supplies	7,391	8,658	8,275
Textbooks	1,695	0	0
Software	1,000	0	865
Contract Services	4,059	7,816	4,249
Tools	3,006	610	1,683
Equipment	0	0	0
Total	181,961	187,686	195,938
Carpentry			
Salaries	355,566	368,960	391,902
Supplies	23,890	32,710	26,205
Textbooks	4,785	0	2,325
Software	0	0	0
Contract Services	3,800	2,600	3,800
Tools	4,930	4,350	4,930
Equipment	85,000	0	0
Total	477,971	408,620	429,162

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Drafting			
Salaries	280,213	288,079	303,467
Supplies	13,338	13,806	14,540
Textbooks	5,306	2,820	0
Software	0	0	0
Contract Services	3,900	3,900	4,900
Tools	2,000	1,000	0
Equipment	0	0	10,704
Total	304,757	309,605	333,611
Electronics			
Salaries	262,811	261,957	274,855
Supplies	17,763	20,404	16,950
Project Lead the Way		10,864	12,743
Textbooks	0	0	0
Software	3,500	0	1,450
Contract Services	0	0	200
Tools	2,446	2,575	2,500
Equipment	0	0	0
Total	286,520	295,800	308,698
Electrical			
Salaries	423,941	441,447	465,879
Supplies	51,860	55,881	59,121
Textbooks	0	4,245	3,350
Software	0	0	0
Contract Services	0	0	0
Tools	5,081	5,494	5,494
Equipment	0	0	0
Total	480,882	507,067	533,844

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Heating Ventilation & Air Conditioning			
Salaries	296,519	303,026	297,967
Supplies	38,016	38,016	38,016
Textbooks	0	0	0
Software	0	200	200
Contract Services	2,061	2,061	1,225
Tools	2,450	2,450	2,450
Equipment	0	0	0
Total	339,046	345,753	339,858
Machine Technology			
Salaries	368,256	294,376	305,353
Supplies	13,195	13,319	15,329
Textbooks	0	0	0
Software	2,400	2,400	2,640
Contract Services	10,600	16,300	13,400
Tools	11,157	10,594	11,669
Equipment	55,531	0	0
Project Lead the Way	15,280	0	0
Total	476,419	336,989	348,391
Masonry			
Salaries	241,919	250,353	268,650
Supplies	14,640	16,500	16,150
Textbooks	384	768	1,280
Software	0	0	0
Contract Services	2,850	3,000	3,250
Tools	7,750	11,450	11,420
Equipment	0	0	0
Total	267,543	282,071	300,750

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Metal Fabrication & Joining Technology			
Salaries	241,177	247,745	247,825
Gases	6,000	6,000	6,000
Supplies	29,204	28,433	23,156
Textbooks	0	0	0
Software	0	0	0
Contract Services	4,740	4,740	4,740
Tools	4,107	4,107	11,314
Equipment	0	0	5,500
Total	285,228	291,025	298,535
Plumbing			
Salaries	252,369	262,241	265,345
Supplies	38,274	39,290	40,090
Textbooks	2,668	0	0
Software	0	0	0
Contract Services	0	0	0
Tools	4,150	5,750	6,175
Equipment	0	13,000	10,000
Total	297,461	320,281	321,610
Business Technology			
Salaries	412,433	423,341	444,911
Supplies	1,853	5,841	4,536
Textbooks	9,967	16,886	1,300
Software	5,450	5,520	8,810
Contract Services	800	0	0
Tools	0	0	0
Equipment	0	0	0
Total	430,503	451,588	459,557

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Information Support Services & Networking			
Salaries	191,327	192,495	204,269
Supplies	3,500	5,625	8,300
Textbooks	6,500	3,000	0
Software	2,350	3,600	3,360
Contract Services	13,050	10,000	5,800
Tools	650	650	7,685
Equipment	0	0	0
Total	217,377	215,370	229,414
Programming & Web Development			
Salaries	162,949	202,376	102,488
Supplies	1,280	5,626	1,499
Textbooks	480	400	0
Software	60	0	3,268
Contract Services	0	0	1,200
Tools	75	0	8,009
Equipment	0	0	0
Total	164,844	208,402	116,464
Cosmetology			
Salaries	278,679	286,138	301,441
Supplies	5,580	6,663	6,157
Textbooks	3,990	0	380
Software	275	375	915
Contract Services	0	0	0
Tools	1,080	2,580	2,500
Equipment	0	0	0
Total	289,604	295,756	311,393

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Culinary Arts			
Salaries	535,647	457,601	471,591
Dining Rm Supervisor	0	0	0
Bakery Para Professional	34,268	35,296	36,531
Supplies	3,843	5,233	5,314
Textbooks	2,125	0	0
Software	0	0	0
Contract Services	2,648	2,648	2,648
Tools	735	586	632
Equipment	0	0	0
Total	579,266	501,363	516,716
Dental Assisting			
Salaries	223,905	230,843	254,555
Para Professional	0	0	0
Supplies	11,655	13,465	14,915
Textbooks	2,720	2,720	0
Software	0	0	0
Contract Services	3,090	3,490	3,490
Tools	5,000	4,916	5,060
Equipment	0	0	0
Total	246,370	255,434	278,020
Design & Visual Communications			
Salaries	374,638	385,797	401,250
Para Professional	0	0	0
Supplies	24,184	25,884	23,484
Textbooks	500	500	500
Software	2,500	0	0
Contract Services	1,000	1,000	1,000
Tools	0	0	0
Equipment	0	0	0
Total	402,822	413,181	426,234

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Graphic Communications			
Salaries	258,264	265,145	278,962
Supplies	76,264	78,070	86,998
Textbooks	0	5,266	0
Software	5,000	1,578	0
Contract Services	85,768	86,000	86,000
Tools	0	937	937
Equipment	0	0	0
Total	425,296	436,995	452,897
Health Assisting			
Salaries	380,913	386,870	401,996
Supplies	10,319	12,135	12,765
Textbooks	2,340	0	0
Software	3,500	3,500	1,040
Contract Services	3,388	3,518	3,920
Tools	10,035	7,190	8,460
Equipment	0	0	0
Total	410,495	413,213	428,181
Medical Assisting			
Salaries	240,240	246,480	259,243
Para Professional	0	0	0
Supplies	14,972	16,088	15,548
Textbooks	6,210	0	4,500
Software	0	0	0
Contract Services	4,330	4,330	4,330
Tools	1,400	2,225	2,350
Equipment	0	0	0
Total	267,152	269,123	285,971

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
English			
Salaries	1,187,212	1,244,240	1,397,695
Para Professional	0	0	0
Supplies	3,161	2,028	2,835
Textbooks	20,022	16,102	12,173
Software	0	0	0
Contract Services	1,280	1,495	1,280
Tools	0	0	0
Equipment	0	0	0
Total	1,211,675	1,263,865	1,413,983
Social Studies			
Salaries	659,491	594,361	585,915
Supplies	1,990	913	1,185
Textbooks	135	131	352
Software	2,365	2,365	2,365
Contract Services	0	0	0
Tools	0	0	0
Equipment	0	0	0
Total	663,981	597,769	589,817
Math			
Salaries	975,260	1,015,080	1,070,665
Para Professional	0	0	0
Supplies	3,326	3,265	3,856
Textbooks	14,330	19,852	37,985
Software	0	0	0
Contract Services	3,490	5,500	2,865
Tools	0	0	0
Equipment	0	0	0
Total	996,406	1,043,697	1,115,371

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Science			
Salaries	666,671	696,840	804,077
Supplies	10,852	10,583	10,794
Textbooks	3,069	1,500	0
Software	0	4,585	3,930
Contract Services	1,550	1,960	675
Tools	0	0	0
Equipment	5,175	0	17,676
Total	687,317	715,468	837,152
Physical Education			
Salaries	364,597	375,491	391,968
Para Professional	0	0	0
Supplies	3,114	3,130	2,902
Textbooks	0	0	0
Software	0	0	0
Contract Services	2,200	2,400	2,400
Tools	0	0	0
Equipment	10,000	10,000	0
Total	379,911	391,021	397,270
Special Education			
Director	127,720	127,720	126,333
Salaries	1,119,596	1,136,383	1,202,964
Para Professionals	98,304	101,253	104,797
Substitute	0	0	0
Secretary	51,967	53,526	53,285
Supplies	7,068	13,229	14,230
Textbooks	13,270	3,281	13,676
Tools	0	0	0
Software	3,000	293	8,704
Contract Services	94,716	95,680	82,060
Equipment	0	0	0
Medicaid	0	0	0
Total	1,515,641	1,531,364	1,606,048

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Audio Visual / Instructional Technology			
Salaries	174,177	0	0
Para Professional	0	0	0
Textbooks	0	0	0
Software	6,500	0	0
Supplies	7,900	0	0
Contract Services	18,850	0	0
Equipment	8,000	0	0
Total	215,427	0	0
Library			
Salaries	99,777	102,090	105,440
Para Professional	32,768	33,751	34,765
Software	0	0	0
Supplies	5,010	2,908	1,650
Textbooks	10,000	10,200	8,700
Contract Services	1,879	2,879	5,406
Equipment	0	0	0
Total	149,434	151,828	155,961
Spanish			
Salaries	46,350	65,000	65,000
Summer, Online, after school	0	0	28,710
Supplies	343	0	610
Software	1,208	6,912	3,200
Textbooks	3,210	0	0
Workbooks	3,564	0	7,990
Total	54,675	71,912	105,510

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Guidance			
Director	113,300	120,893	126,333
Salaries	641,885	663,460	702,314
Placement	113,472	116,102	119,913
Substitute	0	0	0
Secretaries	120,077	137,898	138,680
Software	0	0	0
Supplies	24,529	27,206	27,500
Textbooks	1,126	960	0
Contract Services	20,640	27,405	28,105
Equipment	0	0	0
Project Explore	57,945	65,705	65,705
Total	1,092,974	1,159,629	1,208,550
Athletics			
Athletic Director	17,196	97,170	115,683
Software	0	0	0
Officials	48,712	49,433	49,610
Transportation	60,000	60,000	60,000
Coaches	317,026	329,537	320,956
Supplies	55,000	55,000	67,874
Contract Services	166,540	166,540	173,073
Equipment	0	0	0
Total	664,474	757,680	787,196
MCAS Remediation			
Supplies	2,210	2,210	2,210
Textbooks	576	0	0
Contract Services	0	0	0
Software	4,156	1,176	1,176
Equipment	0	0	0
Total	6,942	3,386	3,386

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Nurse			
Salary	81,436	83,879	85,300
Para Professional	44,551	45,888	47,265
Supplies	3,200	3,200	3,200
Contract Services	25,510	25,360	25,360
Software	0	2,625	2,340
Equipment	0	0	0
Total	154,697	160,952	163,465
Student Activities			
Skills USA	43,000	43,000	43,000
Robotics	15,975	15,975	11,975
Advisors	122,465	126,139	130,750
After School Supervision	26,775	26,775	26,775
Supplies	24,975	24,975	24,975
Civic	24,500	24,500	24,500
Special Projects	5,000	5,000	5,000
Total	262,690	266,364	266,975
Teacher Miscellaneous			
Monitors	21,411	22,053	22,437
Supplies	48,400	48,400	48,400
Technology	6,000	6,000	0
Tutoring	13,464	13,464	13,464
Postage	27,787	27,787	27,787
In Service	62,000	62,000	52,000
Salary Movement	19,426	25,254	25,254
Comp Retirement	50,000	50,000	50,000
Substitutes	100,000	100,000	100,000
Misc. Salary	10,000	10,000	10,000
Day Care Director	56,038	57,719	59,162
Profess Development	28,500	28,500	25,000
Profess Development Salary	0	0	0
In-Service Salary	0	0	0
Accreditation NEASC	40,000	0	0
Mentorship	0	0	0
Total	483,027	451,178	433,504

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
School Committee			
Expenses	4,700	4,700	4,700
Secretary	2,500	2,500	2,500
Legal Counsel	40,500	40,500	40,500
Legal Support Services			5,000
Total	47,700	47,700	52,700
Superintendent Office			
Supt. Salary	185,000	185,000	175,100
Exec Admin Assistant	80,234	82,641	85,120
Secretary	35,424	36,487	37,698
Total	300,658	304,128	297,918
Business Office			
Business Manager	144,130	148,454	148,860
Fin. Admin. Assistant	60,770	62,593	64,471
Comptroller	76,367	78,658	80,232
Asst. Treasurer	60,566	62,383	64,282
Purchasing Agent	61,800	63,654	63,654
Bookkeeper	50,717	52,239	52,399
Audit	30,000	30,000	30,000
Switch Board	5,000	5,000	5,000
Contract Services	89,086	82,786	82,786
Equipment	10,000	30,000	113,479
Boiler	0	0	0
Security /Monitoring	40,000	84,239	91,780
Total	628,436	700,005	796,943

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Computer Services			
Director of Digital Learning	0	127,720	126,333
Consulting	0	34,505	0
Network & Data Engineer	106,006	106,006	104,462
Support Tech	67,415	69,437	71,170
Support Tech	53,727	55,339	50,393
Sr. Support Tech	106,006	106,006	104,462
Support Tech	50,000	51,500	47,813
Salaries / Instructional Technology		181,098	186,379
Supplies	4,300	168,165	271,235
Textbooks	450	0	0
Software	4,510	33,490	46,920
Contract Services	83,100	113,140	197,814
Tools	0	80	0
Equipment	125,300	262,226	241,106
Total	600,814	1,308,712	1,448,086
School Office			
Asst. Superintendent Director	144,130	0	0
Principal	150,380	148,920	127,390
Assistant Principal	105,060	115,136	115,898
Academic Director	115,196	115,136	115,898
Vocational Director	131,124	135,713	136,749
Principal Administrative Assistant	67,980	70,019	73,520
Safety & Right to Know	15,000	15,000	10,000
Accuplacer	15,000	15,000	15,000
Equipment	0	20,000	20,000
Total	743,870	634,924	614,455
Dean's Office			
Dean of Students	105,926	103,391	105,843
Para Professional to Dean of Students	44,931	46,279	47,398
In-House Suspension Para Prof.	30,385	31,297	37,871
Supplies	4,000	4,000	4,000
Social Worker	85,260	87,818	0
Day Security	51,140	52,674	55,609
Total	321,642	325,458	250,720

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Special Programs /Professional Development			
Workforce Development Coordinatc	87,843	90,039	94,533
Instructional Coaches	0	12,000	12,000
Supplies	15,700	18,125	18,125
Software	0	4,500	4,500
Contract Services	0	63,863	68,650
Total	103,543	188,527	197,808
Administration Other			
Professional Development	4,000	4,000	4,000
Longevity /Merit	23,000	23,000	23,000
In service	4,000	4,000	4,000
Assoc. Fees	30,000	30,000	30,000
Secretaries	202,868	208,954	209,203
Equipment		45,000	10,000
Total	263,868	314,954	280,203
Building Maintenance			
Salaries	397,766	409,699	422,085
Maintenance Students	25,000	25,000	25,000
Supplies	88,450	88,950	88,950
Contract Services	99,500	100,000	100,000
Tools	2,000	2,500	2,500
Equipment	53,400	58,000	30,000
Software	0	0	0
Extraordinary Maintenance	0	0	0
Total	666,116	684,149	668,535

	Fiscal Year 2017 Approved	Fiscal Year 2018 Approved	Fiscal Year 2019 Proposed
Fixed Costs			
Choice Assessment	144,000	144,000	144,000
Reserve	30,000	30,000	30,000
Trans. Oper. Materials	18,000	18,000	18,000
Trans. Maint.	20,000	20,000	20,000
Transportation	1,195,252	1,195,252	1,195,252
Refuse Disp.	35,000	35,000	35,000
Contract Cleaners	240,000	240,000	250,000
Heating	308,000	326,000	326,000
Utilities	617,000	642,000	642,000
Snow Removal	30,000	40,000	45,000
Contract Grounds Maint.	80,000	80,000	50,000
Middlesex County Charges	565,598	631,671	674,158
State Retiree Ins.	1,016,000	1,016,000	1,016,000
Health Insurance	3,493,455	3,568,455	3,639,824
Other Insurance	308,000	335,777	335,777
Unemployment	0	0	0
Medicare	280,000	290,000	295,000
Dental Insurance	200,549	240,549	253,053
OPEB	315,000	315,000	330,750
Total	8,895,854	9,167,704	9,299,814
Bond Issue			
Debt & Interest 2002	0	0	0
Debt & Interest 2008	275,600	265,200	0
Debt & Interest 2011	241,900	233,700	225,500
Debt & Interest 2016	647,200	563,550	551,400
Total	1,164,700	1,062,450	776,900
Total Budget	29,462,498	30,423,632	31,078,376
Less: Revenue			
CH 70	6,303,056	6,377,731	6,417,991
Transportation	657,231	696,019	696,019
SBA Aid	0	0	0
Excess & Deficiency Operating	0	0	0
Excess & Deficiency Capital	450,000	350,000	0
Total Assessments	22,052,211	22,999,882	23,964,366

FY 19
Projected Assessments
 2/7/2018

# of students FY18	# of students FY19	change FY18-19	% change FY18-19	Town	1		2		3		Total		FY 18 Assessment	difference	% change	
					Required Minimum Contribution	Capital Budget Assessment	Assessed per Regional Agreement	FY 19 Projected Assessment	FY 18 Approved Assessment							
21	19	-2	-9.5%	Bedford	250,561	124,537	90,080	465,177	479,450	(14,273)	-3.0%					
645	630	-15	-2.3%	Billerica	7,406,170	524,364	2,986,854	10,917,388	10,579,268	338,120	3.2%					
129	121	-8	-6.2%	Burlington	1,593,227	124,537	573,666	2,291,429	2,345,972	(54,543)	-2.3%					
317	336	19	6.0%	Tewksbury	4,329,083	279,661	1,592,989	6,201,732	5,566,567	635,165	11.4%					
240	231	-9	-3.8%	Wilmington	2,801,193	192,267	1,095,180	4,088,640	4,028,625	60,015	1.5%					
1352	1337	-15			16,380,234	1,245,365	6,338,767	23,964,366	22,999,882	964,484	4.19%					
					FY18	FY19										
Total Budget					\$30,073,632	\$31,078,376	<i>3.3% increase; Capital Assessment plus Operating Budget</i>									
Capital Assessment					\$1,165,676	\$1,245,365	<i>per 5-year plan</i>									
Operating Budget					\$28,907,956	\$29,833,011	<i>3.2% increase</i>									
Req'd Minimum Contributions					\$15,650,321	\$16,380,234	<i>determined by DESE</i>									
Less Chapter 70 State Aid					\$6,377,731	\$6,417,991	<i>per State budget proposal</i>									
Less Regional Transportation Aid					\$696,019	\$696,019	<i>per State budget proposal</i>									
Remainder Assessed per Regional Agreement					\$6,183,885	\$6,338,767	<i>2.5% increase</i>									

Massachusetts Department of Elementary and Secondary Education

Office of School Finance

FY19 Chapter 70 Foundation Budget

871 Shawsheen Valley



	Base Foundation Components													Incremental Costs Above The Base			TOTAL*
	(1) Pre-School	(2) Half-Day	(3) Full-Day	(4) Elementary	(5) Jr High/Middle	(6) High School	(7) ELL PK	(8) ELL K Half	(9) ELL KF-12	(10) Vocational	(11) Special Ed In District	(12) Special Ed Out of Dist	(13) Economically Disadvantaged				
Foundation Enrollment	0	0	0	0	0	0	0	0	0	1,337	64	0	248	1,337			
1 Administration	0	0	0	0	0	0	0	0	0	511,126	168,864	0	0	679,990			
2 Instructional Leadership	0	0	0	0	0	0	0	0	0	923,141	0	0	0	923,141			
3 Classroom and Specialist Teachers	0	0	0	0	0	0	0	0	0	9,312,366	557,208	0	732,062	10,601,635			
4 Other Teaching Services	0	0	0	0	0	0	0	0	0	650,611	520,257	0	0	1,170,869			
5 Professional Development	0	0	0	0	0	0	0	0	0	291,094	26,879	0	18,770	336,744			
6 Instructional Equipment & Tech	0	0	0	0	0	0	0	0	0	1,695,089	23,183	0	0	1,718,272			
7 Guidance and Psychological	0	0	0	0	0	0	0	0	0	513,954	0	0	0	513,954			
8 Pupil Services	0	0	0	0	0	0	0	0	0	692,298	0	0	0	692,298			
9 Operations and Maintenance	0	0	0	0	0	0	0	0	0	2,312,433	188,629	0	112,625	2,613,688			
10 Employee Benefits/Fixed Charges	0	0	0	0	0	0	0	0	0	1,745,534	214,470	0	74,194	2,034,198			
11 Special Ed Tuition	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
12 Total	0	0	0	0	0	0	0	0	0	18,647,646	1,699,491	0	937,652	21,284,789			

13 Wage Adjustment Factor 101.2%

14 Economically Disadvantaged Decile 4

* Total foundation enrollment does not include columns 11 through 13, because those columns represent increments above the base. The pupils are already counted in columns 1 to 10.

Special education enrollment assigns pupils in pre-kindergarten and half-time kindergarten an enrollment count of .5.

Special education out-of-district headcount is also an assumed percentage, representing 1 percent of non-vocational K-12 enrollment.

Economically disadvantaged headcounts are the number of pupils in columns 1 through 10 who are directly certified as eligible for the Supplemental Nutrition Assistance Program (SNAP); the Transitional Assistance for Families with Dependent Children (TAFDC); and MassHealth (Medicaid).

Each component of the foundation budget represents the enrollment on line 1 multiplied by the appropriate state-wide foundation allotment.

The wage adjustment factor is applied to underlying rates in all functions except instructional equipment, benefits and special education tuition.

The foundation budget shown on this page may differ from the final number used in the formula, due to rounding error.

Foundation Budget per Pupil 15,920



Massachusetts Department of Elementary and Secondary Education

FY19 Chapter 70 Summary

871 Shawsheen Valley

Aid Calculation FY19

Prior Year Aid	
1 Chapter 70 FY18	6,391,251
Foundation Aid	
2 Foundation budget FY19	21,284,789
3 Required district contribution FY19	16,380,234
4 Foundation aid (2 -3)	4,904,555
5 Increase over FY18 (4 - 1)	0

Minimum Aid

6 Minimum \$20 per pupil increase	26,740
-----------------------------------	---------------

Non-Operating District Reduction to Foundation

7 Reduction to foundation	0
---------------------------	----------

FY19 Chapter 70 Aid

9 sum of line 1, 5 minus 7	6,417,991
----------------------------	------------------

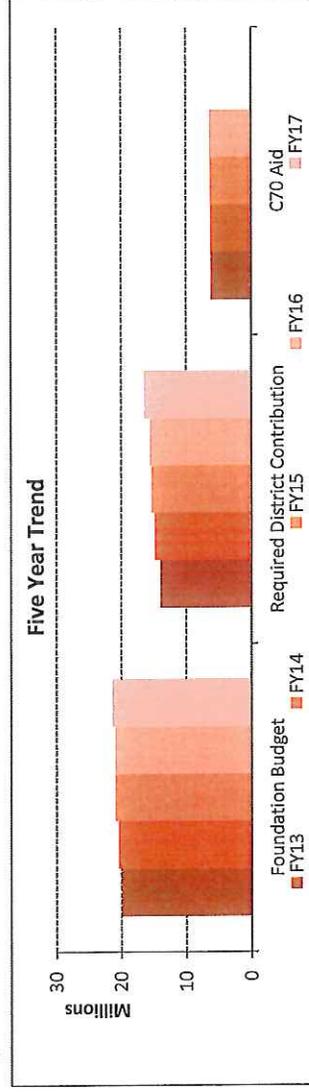
Comparison to FY18

	FY18	FY19	Change	Pct Chg
Enrollment	1,352	1,337	-15	-1.11%
Foundation budget	20,779,974	21,284,789	504,815	2.43%
Required district contribution	15,673,209	16,380,234	707,025	4.51%
Chapter 70 aid	6,391,251	6,417,991	26,740	0.42%
Required net school spending (NSS)	22,064,460	22,798,225	733,765	3.33%
Target aid share	24.87%	23.30%		
C70 % of foundation	30.76%	30.15%		

Required NSS % of foundation 106.18%

107.11%

Five Year Trend



Massachusetts Department of Elementary and Secondary Education
Office of School Finance



FY19 Chapter 70 Foundation Budget

23 Bedford

	Base Foundation Components										Incremental Costs Above The Base				TOTAL*
	(1) Pre-School	(2) Half-Day	(3) Kindergarten	(4) Elementary	(5) Jr High/Middle	(6) High School	(7) ELL PK	(8) ELL K Half	(9) ELL KF - 12	(10) Vocational	(11) Special Ed In District	(12) Special Ed Out of Dist	(13) Economically Disadvantaged		
Foundation Enrollment	15	0	177	907	567	840	0	0	161	0	99	27	253	2,660	
1 Administration	3,057	0	72,146	369,696	231,111	342,387	0	0	65,624	0	278,505	75,956	0	1,438,481	
2 Instructional Leadership	5,521	0	130,302	667,706	417,408	618,382	0	0	118,523	0	0	0	0	1,957,842	
3 Classroom and Specialist Teachers	25,317	0	597,479	3,061,618	1,684,272	3,669,417	0	0	818,479	0	918,995	0	779,230	11,554,807	
4 Other Teaching Services	6,493	0	153,241	785,252	353,366	435,823	0	0	111,455	0	858,054	1,160	0	2,704,843	
5 Professional Development	1,001	0	23,640	121,157	82,109	117,945	0	0	29,110	0	44,332	0	19,980	439,273	
6 Instructional Equipment & Tech	3,396	0	80,146	410,690	256,738	608,563	0	0	72,901	0	35,862	0	0	1,468,295	
7 Guidance and Psychological	1,842	0	43,477	222,790	185,386	344,281	0	0	52,640	0	0	0	0	850,416	
8 Pupil Services	733	0	17,297	132,840	135,751	463,748	0	0	23,598	0	0	0	0	774,067	
9 Operations and Maintenance	7,030	0	165,911	850,175	576,193	827,679	0	0	204,304	0	311,103	0	119,882	3,062,278	
10 Employee Benefits/Fixed Charges	7,040	0	166,138	851,374	537,737	729,204	0	0	173,141	0	331,759	0	74,071	2,870,463	
11 Special Ed Tuition	0	0	0	0	0	0	0	0	0	0	0	668,360	0	668,360	
12 Total	61,431	0	1,449,776	7,473,398	4,460,069	8,157,428	0	0	1,669,775	0	2,778,609	745,476	993,163	27,789,125	
13 Wage Adjustment Factor															
14 Economically Disadvantaged Decile															
														10,447	

* Total foundation enrollment does not include columns 11 through 13, because those columns represent increments above the base. The pupils are already counted in columns 1 to 10.

Total foundation enrollment assigns pupils in pre-kindergarten and half-time kindergarten an enrollment count of .5.

Special education in-district headcount is an assumed percentage, representing 3.75 percent of K to 12 non-vocational enrollment and 4.75 percent of vocational enrollment.

Special education out-of-district headcount is also an assumed percentage, representing 1 percent of non-vocational K-12 enrollment.

Economically disadvantaged headcounts are the number of pupils in columns 1 through 10 who are directly certified as eligible for the Supplemental Nutrition Assistance Program (SNAP), the Transitional Assistance for Families with Dependent Children (TAFDC), and MassHealth (Medicaid).

Each component of the foundation budget represents the enrollment on line 1 multiplied by the appropriate state-wide foundation allotment.

The wage adjustment factor is applied to underlying rates in all functions except instructional equipment, benefits and special education tuition.

The foundation budget shown on this page may differ from the final number used in the formula, due to rounding error.

Massachusetts Department of Elementary and Secondary Education

Office of School Finance



FY19 Chapter 70 Determination of City and Town Total Required Contribution

23 Bedford

Effort Goal

FY19 Increments Toward Goal

1) 2016 equalized valuation	3,503,731,500	13) Required local contribution FY18	22,558,495
2) Property percentage	0.3642%	14) Municipal revenue growth factor (DOR)	5.53%
3) Local effort from property wealth	12,761,271	15) FY19 preliminary contribution (13 x 14)	23,805,980
4) 2015 income	897,532,000	16) Preliminary contribution pct of foundation (15/8)	84.74%
5) Income percentage	1.4174%	<i>If preliminary contribution is above the target share:</i>	
6) Local effort from income	12,721,715	17) Excess local effort (15 - 10)	630,408
7) Combined effort yield (row 3+ row 6)	25,482,987	18) 85% reduction toward target (17 x 85%)	535,847
8) Foundation budget FY19	28,091,602	19) FY19 required local contribution (15 - 18), capped at 90% of foundation	23,270,133
9) Maximum local contribution (82.5% * row 8)	23,175,572	20) Contribution as percentage of foundation (19 / 8)	82.84
10) Target local contribution (lesser of row 7 or row 9)	23,175,572	<i>If preliminary contribution is below the target share:</i>	
11) Target local share (row 10 as % of row 8)	82.50%	21) Shortfall from target local share (11 - 16)	
12) Target aid share (100% minus row 11)	17.50%	22) Added increment toward target (13 x 1% or 2%)*	
		*1% if shortfall is between 2.5% and 7.5%; 2% if shortfall > 7.5%	
		23) Shortfall from target after adding increment (10 - 15 - 22)	
		24) FY19 required local contribution (15 + 22)	
		25) Contribution as percentage of foundation (24 / 8)	



FY19 Chapter 70 Apportionment of Local Contribution Across School Districts

	Bedford	Shawsheen Valley	Combined Total for All Districts
23 Bedford			
<u>Prior Year Data (for comparison purposes)</u>			
1 FY18 foundation enrollment	2,647	21	2,668
2 FY18 foundation budget	26,915,525	322,766	27,238,291
3 Each district's share of municipality's combined FY18 foundation	98.82%	1.18%	100.00%
4 FY18 required contribution	22,291,183	267,312	22,558,495
<u>FY19 apportionment of contribution among community's districts</u>			
5 FY19 total unapportioned required contribution ('municipal contribution' sheet row 19 or 24)			23,270,133
6 FY19 foundation enrollment	2,660	19	2,679
7 FY19 foundation budget	27,789,125	302,476	28,091,602
8 Each district's share of municipality's total FY19 foundation	98.92%	1.08%	100.00%
9 FY19 Required Contribution	23,019,572	250,561	23,270,133
10 Change FY19 to FY18 (9 - 4)	728,389	-16,751	711,638



Massachusetts Department of Elementary and Secondary Education FY19 Chapter 70 Summary

23 Bedford

Aid Calculation FY19

Prior Year Aid	
1 Chapter 70 FY18	4,624,342
Foundation Aid	
2 Foundation budget FY19	27,789,125
3 Required district contribution FY19	23,019,572
4 Foundation aid (2 -3)	4,769,553
5 Increase over FY18 (4 - 1)	145,211

Minimum Aid

6 Minimum \$20 per pupil increase	0
-----------------------------------	---

Non-Operating District Reduction to Foundation

7 Reduction to foundation	0
---------------------------	---

FY19 Chapter 70 Aid

9 sum of line 1, 5 minus 7	4,769,553
----------------------------	-----------

Comparison to FY18

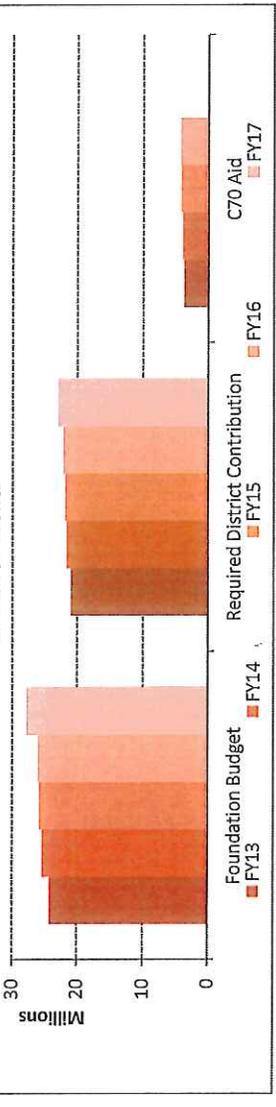
	FY18	FY19	Change	Pct Chg
Enrollment	2,647	2,660	13	0.49%
Foundation budget	26,915,525	27,789,125	873,600	3.25%
Required district contribution	22,291,183	23,019,572	728,389	3.27%
Chapter 70 aid	4,624,342	4,769,553	145,211	3.14%
Required net school spending (NSS)	26,915,525	27,789,125	873,600	3.25%
Target aid share	17.50%	17.50%		
C70 % of foundation	17.18%	17.16%		

Required NSS % of foundation

100.00%

100.00%

Five Year Trend



Massachusetts Department of Elementary and Secondary Education
Office of School Finance



FY19 Chapter 70 Foundation Budget

31 Billerica

	Base Foundation Components											Incremental Costs Above The Base			TOTAL*
	(1) Pre-School	(2) Half-Day	(3) Kindergarten	(4) Elementary	(5) Jr High/Middle	(6) High School	(7) ELL PK	(8) ELL K Half	(9) ELL KF - 12	(10) Vocational	(11) Special Ed In District	(12) Special Ed Out of Dist	(13) Economically Disadvantaged		
Foundation Enrollment	67	0	344	1,924	1,215	1,304	0	0	77	10	182	49	969	4,908	
1 Administration	12,807	0	131,509	735,532	464,486	498,510	0	0	25,437	3,823	480,206	129,286	0	2,485,597	
2 Instructional Leadership	23,131	0	237,517	1,328,440	838,906	900,356	0	0	53,165	6,905	0	0	0	3,388,419	
3 Classroom and Specialist Teachers	106,060	0	1,089,098	6,091,270	3,385,046	5,342,621	0	0	367,140	69,651	1,584,559	0	2,860,355	20,895,800	
4 Other Teaching Services	27,202	0	279,331	1,562,304	710,193	634,553	0	0	49,994	4,866	1,479,482	1,975	0	4,749,901	
5 Professional Development	4,194	0	43,091	241,049	165,022	171,726	0	0	13,058	2,177	76,438	0	73,341	790,097	
6 Instructional Equipment & Tech	15,169	0	155,763	871,187	550,152	944,722	0	0	34,866	12,678	65,928	0	0	2,650,465	
7 Guidance and Psychological	7,717	0	79,251	443,255	372,587	501,268	0	0	23,613	3,844	0	0	0	1,431,535	
8 Pupil Services	3,069	0	31,530	264,492	272,832	675,211	0	0	10,585	5,178	0	0	0	1,262,897	
9 Operations and Maintenance	29,452	0	302,426	1,691,474	1,158,031	1,205,089	0	0	91,643	17,296	536,414	0	440,057	5,471,882	
10 Employee Benefits/Fixed Charges	31,445	0	322,889	1,806,001	1,152,294	1,132,002	0	0	82,807	13,056	609,900	0	289,896	5,440,289	
11 Special Ed Tuition	0	0	0	0	0	0	0	0	0	0	0	1,212,950	0	1,212,950	
12 Total	260,246	0	2,672,405	15,035,005	9,069,548	12,006,059	0	0	756,307	139,474	4,832,927	1,344,211	3,663,648	49,779,831	
13 Wage Adjustment Factor	101.2%														
14 Economically Disadvantaged Decile	4														

Foundation Budget per Pupil 10,143

* Total foundation enrollment does not include columns 11 through 13, because those columns represent increments above the base. The pupils are already counted in columns 1 to 10.

Total foundation enrollment assigns pupils in pre-kindergarten and half-time kindergarten an enrollment count of .5. Special education in-district headcount is an assumed percentage, representing 3.75 percent of K to 12 non-vocational enrollment and 4.75 percent of vocational enrollment.

Special education out-of-district headcount is also an assumed percentage, representing 1 percent of non-vocational K-12 enrollment.

Economically disadvantaged headcounts are the number of pupils in columns 1 through 10 who are directly certified as eligible for the Supplemental Nutrition Assistance Program (SNAP); the Transitional Assistance for Families with Dependent Children (TAFDC); and MassHealth (Medicaid).

Each component of the foundation budget represents the enrollment on line 1 multiplied by the appropriate state-wide foundation allotment.

The wage adjustment factor is applied to underlying rates in all functions except instructional equipment, benefits and special education tuition.

The foundation budget shown on this page may differ from the final number used in the formula, due to rounding error.

Massachusetts Department of Elementary and Secondary Education

Office of School Finance



FY19 Chapter 70 Determination of City and Town Total Required Contribution

31 Billerica

Effort Goal

FY19 Increments Toward Goal

1) 2016 equalized valuation	6,134,145,700	13) Required local contribution FY18	42,695,329
2) Property percentage	0.3642%	14) Municipal revenue growth factor (DOR)	4.93%
3) Local effort from property wealth	22,341,752	15) FY19 preliminary contribution (13 x 14)	44,800,209
4) 2015 income	1,531,796,000	16) Preliminary contribution pct of foundation (15/8)	74.91%
5) Income percentage	1.4174%	<i>If preliminary contribution is above the target share:</i>	
6) Local effort from income	21,711,841	17) Excess local effort (15 - 10)	746,616
7) Combined effort yield (row 3+ row 6)	44,053,593	18) 85% reduction toward target (17 x 85%)	634,624
8) Foundation budget FY19	59,809,313	19) FY19 required local contribution (15 - 18), capped at 90% of foundation	44,165,585
9) Maximum local contribution (82.5% * row 8)	49,342,683	20) Contribution as percentage of foundation (19 / 8)	73.84
10) Target local contribution (lesser of row 7 or row 9)	44,053,593	<i>If preliminary contribution is below the target share:</i>	
11) Target local share (row 10 as % of row 8)	73.66%	21) Shortfall from target local share (11 - 16)	
12) Target aid share (100% minus row 11)	26.34%	22) Added increment toward target (13 x 1% or 2%)*	
		*1% if shortfall is between 2.5% and 7.5%; 2% if shortfall > 7.5%	
		23) Shortfall from target after adding increment (10 - 15 - 22)	
		24) FY19 required local contribution (15 + 22)	
		25) Contribution as percentage of foundation (24 / 8)	



FY19 Chapter 70 Apportionment of Local Contribution Across School Districts

	Billerica	Shawsheen Valley	Combined Total for All Districts
31 Billerica			
<u>Prior Year Data (for comparison purposes)</u>			
1 FY18 foundation enrollment	5,034	645	5,679
2 FY18 foundation budget	49,374,269	9,913,523	59,287,792
3 Each district's share of municipality's combined FY18 foundation	83.28%	16.72%	100.00%
4 FY18 required contribution	35,556,235	7,139,094	42,695,329
<u>FY19 apportionment of contribution among community's districts</u>			
5 FY19 total unapportioned required contribution ('municipal contribution' sheet row 19 or 24)			44,165,585
6 FY19 foundation enrollment	4,908	630	5,538
7 FY19 foundation budget	49,779,831	10,029,482	59,809,313
8 Each district's share of municipality's total FY19 foundation	83.23%	16.77%	100.00%
9 FY19 Required Contribution	36,759,415	7,406,170	44,165,585
10 Change FY19 to FY18 (9 - 4)	1,203,180	267,076	1,470,256



Massachusetts Department of Elementary and Secondary Education FY19 Chapter 70 Summary

31 Billerica

Aid Calculation FY19

Prior Year Aid	
1 Chapter 70 FY18	19,055,514
Foundation Aid	
2 Foundation budget FY19	49,779,831
3 Required district contribution FY19	36,759,415
4 Foundation aid (2 -3)	13,020,416
5 Increase over FY18 (4 - 1)	0

Minimum Aid

6 Minimum \$20 per pupil increase	98,160
-----------------------------------	--------

Non-Operating District Reduction to Foundation

7 Reduction to foundation	0
---------------------------	---

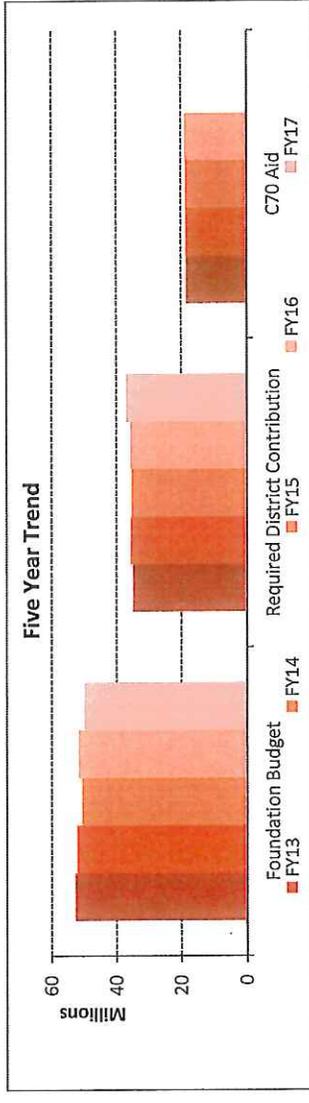
FY19 Chapter 70 Aid

9 sum of line 1, 5 minus 7	19,153,674
----------------------------	------------

Comparison to FY18

	FY18	FY19	Change	Pct Chg
Enrollment	5,034	4,908	-126	-2.50%
Foundation budget	49,374,269	49,779,831	405,562	0.82%
Required district contribution	35,556,235	36,759,415	1,203,180	3.38%
Chapter 70 aid	19,055,514	19,153,674	98,160	0.52%
Required net school spending (NSS)	54,611,749	55,913,089	1,301,340	2.38%
Target aid share	28.33%	26.34%		
C70 % of foundation	38.59%	38.48%		

Required NSS % of foundation 110.61%



Massachusetts Department of Elementary and Secondary Education

Office of School Finance

FY19 Chapter 70 Foundation Budget

48 Burlington



	Base Foundation Components											Incremental Costs Above The Base			TOTAL*
	(1) Pre-School	(2) Half-Day	(3) Full-Day	(4) Elementary	(5) Jr High/Middle	(6) High School	(7) ELL PK	(8) ELL K Half	(9) ELL KF-12	(10) Vocational	(11) Special Ed In District	(12) Special Ed Out of Dist	(13) Economically Disadvantaged		
Foundation Enrollment	37	0	278	1,262	808	973	0	0	169	5	131	35	475	3,514	
1 Administration	7,618	0	114,469	519,639	332,701	400,641	0	0	69,587	2,059	372,284	99,465	0	1,918,462	
2 Instructional Leadership	13,758	0	206,741	938,517	600,889	723,595	0	0	125,681	3,718	0	0	0	2,612,900	
3 Classroom and Specialist Teachers	63,085	0	947,980	4,303,364	2,424,631	4,293,739	0	0	867,907	37,510	1,228,441	0	1,494,050	15,660,708	
4 Other Teaching Services	16,180	0	243,137	1,403,738	508,695	509,975	0	0	118,185	2,621	1,446,979	1,520	0	3,651,030	
5 Professional Development	2,495	0	37,508	170,297	118,201	138,012	0	0	30,868	1,173	59,259	0	38,308	596,121	
6 Instructional Equipment & Tech	8,377	0	125,878	571,434	365,862	704,919	0	0	76,523	6,339	47,453	0	0	1,906,786	
7 Guidance and Psychological	4,590	0	68,983	313,151	266,876	402,858	0	0	55,819	2,070	0	0	0	1,114,346	
8 Pupil Services	1,825	0	27,445	186,859	195,423	542,651	0	0	25,023	2,789	0	0	0	982,014	
9 Operations and Maintenance	17,518	0	265,240	1,194,994	829,471	968,502	0	0	216,642	9,314	415,859	0	229,855	4,145,395	
10 Employee Benefits/Fixed Charges	17,365	0	260,939	1,184,602	766,299	844,661	0	0	181,744	6,528	438,994	0	140,586	3,841,718	
11 Special Ed Tuition	0	0	0	0	0	0	0	0	0	0	0	866,393	0	866,393	
12 Total	152,811	0	2,296,319	10,486,594	6,409,048	9,529,553	0	0	1,767,981	74,120	3,709,269	967,377	1,902,800	37,295,872	
13 Wage Adjustment Factor	109.0%														
14 Economically Disadvantaged Decile	3														

Foundation Budget per Pupil 10,614

* Total foundation enrollment does not include columns 11 through 13, because those columns represent increments above the base. The pupils are already counted in columns 1 to 10.

Total foundation enrollment assigns pupils in pre-kindergarten and half-time kindergarten an enrollment count of .5.

Special education in-district headcount is an assumed percentage, representing 3.75 percent of K to 12 non-vocational enrollment and 4.75 percent of vocational enrollment.

Special education out-of-district headcount is also an assumed percentage, representing 1 percent of non-vocational K-12 enrollment.

Economically disadvantaged headcounts are the number of pupils in columns 1 through 10 who are directly certified as eligible for the Supplemental Nutrition Assistance Program (SNAP); the Transitional Assistance for Families with Dependent Children (TAFDC); and MassHealth (Medicaid).

Each component of the foundation budget represents the enrollment on line 1 multiplied by the appropriate state-wide foundation allotment.

The wage adjustment factor is applied to underlying rates in all functions except instructional equipment, benefits and special education tuition.

The foundation budget shown on this page may differ from the final number used in the formula, due to rounding error.

Massachusetts Department of Elementary and Secondary Education

Office of School Finance

FY19 Chapter 70 Determination of City and Town Total Required Contribution

48 Burlington



<u>Effort Goal</u>		<u>FY19 Increments Toward Goal</u>	
1) 2016 equalized valuation	6,191,239,400	13) Required local contribution FY18	31,213,755
2) Property percentage	0.3642%	14) Municipal revenue growth factor (DOR)	5.42%
3) Local effort from property wealth	22,549,698	15) FY19 preliminary contribution (13 x 14)	32,905,541
4) 2015 income	1,151,815,000	16) Preliminary contribution pct of foundation (15/8)	83.90%
5) Income percentage	1.4174%	<i>If preliminary contribution is above the target share:</i>	
6) Local effort from income	16,325,950	17) Excess local effort (15 - 10)	547,251
7) Combined effort yield (row 3+ row 6)	38,875,648	18) 85% reduction toward target (17 x 85%)	465,163
8) Foundation budget FY19	39,222,170	19) FY19 required local contribution (15 - 18), capped at 90% of foundation	32,440,378
9) Maximum local contribution (82.5% * row 8)	32,358,290	20) Contribution as percentage of foundation (19 / 8)	82.71
10) Target local contribution (lesser of row 7 or row 9)	32,358,290	<i>If preliminary contribution is below the target share:</i>	
11) Target local share (row 10 as % of row 8)	82.50%	21) Shortfall from target local share (11 - 16)	
12) Target aid share (100% minus row 11)	17.50%	22) Added increment toward target (13 x 1% or 2%)*	
		*1% if shortfall is between 2.5% and 7.5%; 2% if shortfall > 7.5%	
		23) Shortfall from target after adding increment (10 - 15 - 22)	
		24) FY19 required local contribution (15 + 22)	
		25) Contribution as percentage of foundation (24 / 8)	



FY19 Chapter 70 Apportionment of Local Contribution Across School Districts

	Burlington	Shawsheen Valley	Combined Total for All Districts
<u>Prior Year Data (for comparison purposes)</u>			
1 FY18 foundation enrollment	3,495	129	3,624
2 FY18 foundation budget	35,700,016	1,982,705	37,682,721
3 Each district's share of municipality's combined FY18 foundation	94.74%	5.26%	100.00%
4 FY18 required contribution	29,571,420	1,642,335	31,213,755
<u>FY19 apportionment of contribution among community's districts</u>			
5 FY19 total unapportioned required contribution ('municipal contribution' sheet row 19 or 24)			32,440,378
6 FY19 foundation enrollment	3,514	121	3,635
7 FY19 foundation budget	37,295,872	1,926,297	39,222,170
8 Each district's share of municipality's total FY19 foundation	95.09%	4.91%	100.00%
9 FY19 Required Contribution	30,847,151	1,593,227	32,440,378
10 Change FY19 to FY18 (9 - 4)	1,275,731	-49,108	1,226,623

Massachusetts Department of Elementary and Secondary Education FY19 Chapter 70 Summary



48 Burlington

Aid Calculation FY19

Prior Year Aid	
1 Chapter 70 FY18	6,128,596
Foundation Aid	
2 Foundation budget FY19	37,295,872
3 Required district contribution FY19	30,847,151
4 Foundation aid (2 -3)	6,448,721
5 Increase over FY18 (4 - 1)	320,125

Minimum Aid	
6 Minimum \$20 per pupil increase	0

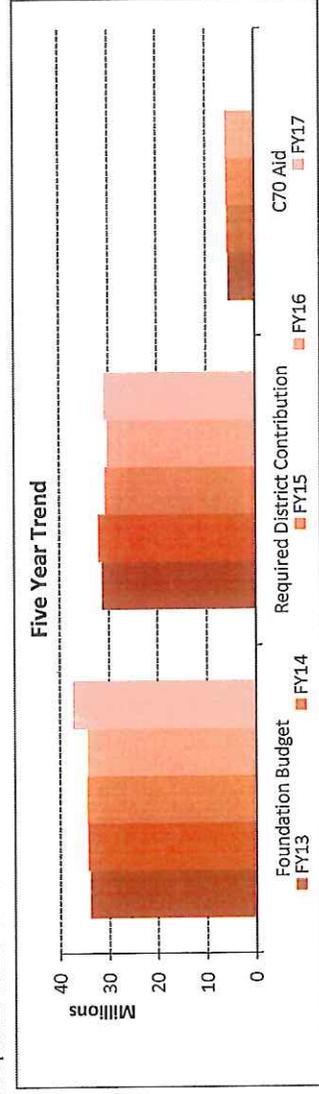
Non-Operating District Reduction to Foundation	
7 Reduction to foundation	0

FY19 Chapter 70 Aid	
9 sum of line 1, 5 minus 7	6,448,721

Comparison to FY18

	FY18	FY19	Change	Pct Chg
Enrollment	3,495	3,514	19	0.54%
Foundation budget	35,700,016	37,295,872	1,595,856	4.47%
Required district contribution	29,571,420	30,847,151	1,275,731	4.31%
Chapter 70 aid	6,128,596	6,448,721	320,125	5.22%
Required net school spending (NSS)	35,700,016	37,295,872	1,595,856	4.47%
Target aid share	17.50%			
C70 % of foundation	17.17%			

Required NSS % of foundation	100.00%	100.00%
------------------------------	---------	---------



Massachusetts Department of Elementary and Secondary Education



Office of School Finance

FY19 Chapter 70 Foundation Budget

295 Tewksbury

	Base Foundation Components													Incremental Costs Above The Base			TOTAL*
	(1) Pre-School	(2) Half-Day	(3) Full-Day	(4) Elementary	(5) Jr High/Middle	(6) High School	(7) ELL PK	(8) ELL K Half	(9) ELL KF-12	(10) Vocational	(11) Special Ed In District	(12) Special Ed Out of Dist	(13) Economically Disadvantaged				
Foundation Enrollment	66	0	229	1,265	891	977	0	0	68	5	129	34	612	3,468			
1 Administration	12,467	0	86,507	477,866	336,584	369,072	0	0	25,688	1,889	336,330	88,645	0	1,735,048			
2 Instructional Leadership	22,515	0	156,240	863,072	607,903	666,578	0	0	46,394	3,411	0	0	0	2,366,113			
3 Classroom and Specialist Teachers	103,239	0	716,413	3,957,426	2,452,932	3,955,404	0	0	320,383	34,413	1,109,804	0	1,785,118	14,435,131			
4 Other Teaching Services	26,478	0	183,745	1,015,011	514,633	469,790	0	0	43,627	2,404	1,036,209	1,354	0	3,293,252			
5 Professional Development	4,083	0	28,346	156,607	119,581	127,137	0	0	11,395	1,076	53,536	0	45,771	547,532			
6 Instructional Equipment & Tech	14,942	0	103,691	572,792	403,445	707,817	0	0	30,790	6,339	46,729	0	0	1,886,546			
7 Guidance and Psychological	7,511	0	52,132	287,977	269,991	371,113	0	0	20,605	1,899	0	0	0	1,011,229			
8 Pupil Services	2,987	0	20,741	171,838	197,704	499,892	0	0	9,237	2,558	0	0	0	904,957			
9 Operations and Maintenance	28,668	0	198,937	1,098,931	839,153	892,187	0	0	79,972	8,545	375,697	0	274,635	3,796,725			
10 Employee Benefits/Fixed Charges	30,376	0	214,946	1,187,418	845,015	848,134	0	0	75,128	6,528	432,292	0	183,092	3,821,528			
11 Special Ed Tuition	0	0	0	0	0	0	0	0	0	0	0	841,639	0	841,639			
12 Total	253,866	0	1,761,697	9,788,937	6,586,940	8,907,123	0	0	661,220	69,063	3,390,597	931,638	2,288,617	34,639,698			
13 Wage Adjustment Factor	100.0%																
14 Economically Disadvantaged Decile	4																

Foundation Budget per Pupil 9,988

* Total foundation enrollment does not include columns 11 through 13, because those columns represent increments above the base. The pupils are already counted in columns 1 to 10.

Total foundation enrollment assigns pupils in pre-kindergarten and half-time kindergarten an enrollment count of .5.

Special education in-district headcount is an assumed percentage, representing 3.75 percent of K to 12 non-vocational enrollment and 4.75 percent of vocational enrollment.

Special education out-of-district headcount is also an assumed percentage, representing 1 percent of non-vocational K-12 enrollment.

Economically disadvantaged headcounts are the number of pupils in columns 1 through 10 who are directly certified as eligible for the Supplemental Nutrition Assistance Program (SNAP); the Transitional Assistance for Families with Dependent Children (TAFDC); and MassHealth (Medicaid).

Each component of the foundation budget represents the enrollment on line 1 multiplied by the appropriate state-wide foundation allotment.

The wage adjustment factor is applied to underlying rates in all functions except instructional equipment, benefits and special education tuition.

The foundation budget shown on this page may differ from the final number used in the formula, due to rounding error.

Massachusetts Department of Elementary and Secondary Education

Office of School Finance

FY19 Chapter 70 Determination of City and Town Total Required Contribution

295 Tewksbury



Effort Goal

FY19 Increments Toward Goal

1) 2016 equalized valuation	4,367,128,200	13) Required local contribution FY18	31,640,006
2) Property percentage	0.3642%	14) Municipal revenue growth factor (DOR)	4.85%
3) Local effort from property wealth	15,905,930	15) FY19 preliminary contribution (13 x 14)	33,174,546
4) 2015 income	1,151,010,000	16) Preliminary contribution pct of foundation (15/8)	82.96%
5) Income percentage	1.4174%	<i>If preliminary contribution is above the target share:</i>	
6) Local effort from income	16,314,540	17) Excess local effort (15 - 10)	954,076
7) Combined effort yield (row 3+ row 6)	32,220,470	18) 85% reduction toward target (17 x 85%)	810,965
8) Foundation budget FY19	39,988,755	19) FY19 required local contribution (15 - 18), capped at 90% of foundation	32,363,581
9) Maximum local contribution (82.5% * row 8)	32,990,723	20) Contribution as percentage of foundation (19 / 8)	80.93
10) Target local contribution (lesser of row 7 or row 9)	32,220,470	<i>If preliminary contribution is below the target share:</i>	
11) Target local share (row 10 as % of row 8)	80.57%	21) Shortfall from target local share (11 - 16)	
12) Target aid share (100% minus row 11)	19.43%	22) Added increment toward target (13 x 1% or 2%)*	
		*1% if shortfall is between 2.5% and 7.5%; 2% if shortfall > 7.5%	
		23) Shortfall from target after adding increment (10 - 15 - 22)	
		24) FY19 required local contribution (15 + 22)	
		25) Contribution as percentage of foundation (24 / 8)	



FY19 Chapter 70 Apportionment of Local Contribution Across School Districts

	Tewksbury	Shawsheen Valley	Combined Total for All Districts
295 Tewksbury			
<u>Prior Year Data (for comparison purposes)</u>			
1 FY18 foundation enrollment	3,595	317	3,912
2 FY18 foundation budget	34,900,617	4,872,228	39,772,845
3 Each district's share of municipality's combined FY18 foundation	87.75%	12.25%	100.00%
4 FY18 required contribution	27,764,062	3,875,944	31,640,006
<u>FY19 apportionment of contribution among community's districts</u>			
5 FY19 total unapportioned required contribution ('municipal contribution' sheet row 19 or 24)			32,363,581
6 FY19 foundation enrollment	3,468	336	3,804
7 FY19 foundation budget	34,639,698	5,349,057	39,988,755
8 Each district's share of municipality's total FY19 foundation	86.62%	13.38%	100.00%
9 FY19 Required Contribution	28,034,498	4,329,083	32,363,581
10 Change FY19 to FY18 (9 - 4)	270,436	453,139	723,575



Massachusetts Department of Elementary and Secondary Education FY19 Chapter 70 Summary

295 Tewksbury

Aid Calculation FY19

Prior Year Aid	13,119,905
1 Chapter 70 FY18	
Foundation Aid	
2 Foundation budget FY19	34,639,698
3 Required district contribution FY19	28,034,498
4 Foundation aid (2 -3)	6,605,200
5 Increase over FY18 (4 - 1)	0

Minimum Aid	69,360
6 Minimum \$20 per pupil increase	

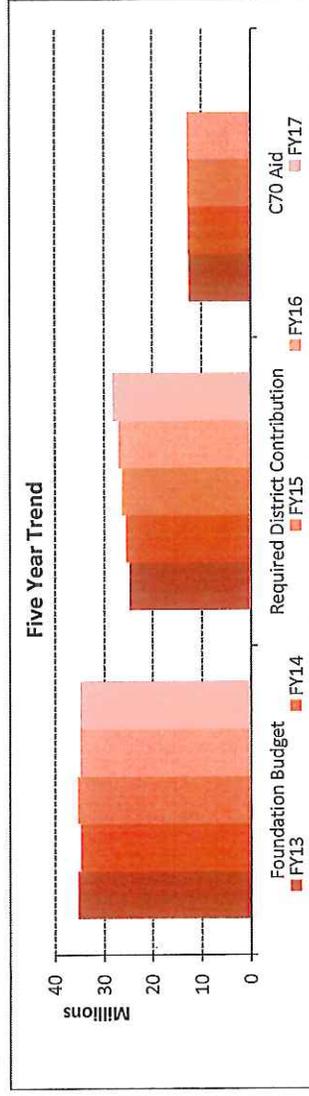
Non-Operating District Reduction to Foundation	0
7 Reduction to foundation	

FY19 Chapter 70 Aid	13,189,265
9 sum of line 1, 5 minus 7	

Comparison to FY18

	FY18	FY19	Change	Pct Chg
Enrollment	3,595	3,468	-127	-3.53%
Foundation budget	34,900,617	34,639,698	-260,919	-0.75%
Required district contribution	27,764,062	28,034,498	270,436	0.97%
Chapter 70 aid	13,119,905	13,189,265	69,360	0.53%
Required net school spending (NSS)	40,883,967	41,223,763	339,796	0.83%
Target aid share	20.68%	19.43%		
C70 % of foundation	37.59%	38.08%		

Required NSS % of foundation 117.14% 119.01%



Massachusetts Department of Elementary and Secondary Education
Office of School Finance



FY19 Chapter 70 Foundation Budget

342 Wilmington

	Base Foundation Components											Incremental Costs Above The Base				TOTAL*
	(1) Pre-School	(2) Half-Day	(3) Full-Day Kindergarten	(4) Elementary	(5) Jr High/Middle	(6) High School	(7) ELL PK	(8) ELL K Half	(9) ELL KF-12	(10) Vocational	(11) Special Ed In District	(12) Special Ed Out of Dist	(13) Economically Disadvantaged			
Foundation Enrollment	85	0	268	1,275	851	911	0	0	28	9	125	33	407	3,385		
1 Administration	17,115	0	107,921	513,433	342,691	366,853	0	0	11,275	3,624	347,411	91,716	0	1,802,040		
2 Instructional Leadership	30,911	0	194,916	927,307	618,932	662,570	0	0	20,364	6,546	0	0	0	2,461,547		
3 Classroom and Specialist Teachers	141,734	0	893,758	4,251,965	2,497,437	3,931,623	0	0	140,629	66,031	1,146,367	0	1,238,442	14,307,986		
4 Other Teaching Services	36,351	0	229,230	1,090,555	523,970	466,966	0	0	19,150	4,613	1,070,348	1,401	0	3,442,584		
5 Professional Development	5,605	0	35,362	168,263	121,751	126,373	0	0	5,002	2,064	55,300	0	31,754	551,474		
6 Instructional Equipment & Tech	19,244	0	121,350	577,320	385,333	660,001	0	0	12,678	11,410	45,280	0	0	1,832,617		
7 Guidance and Psychological	10,312	0	65,037	309,410	274,889	368,882	0	0	9,045	3,644	0	0	0	1,041,220		
8 Pupil Services	4,101	0	25,875	184,627	201,291	496,886	0	0	4,055	4,909	0	0	0	921,744		
9 Operations and Maintenance	39,358	0	248,183	1,180,721	854,378	886,823	0	0	35,103	16,397	388,075	0	190,530	3,839,567		
10 Employee Benefits/Fixed Charges	39,893	0	251,553	1,196,804	807,080	790,839	0	0	30,111	11,750	418,888	0	119,157	3,666,076		
11 Special Ed Tuition	0	0	0	0	0	0	0	0	0	0	0	816,885	0	816,885		
12 Total	344,625	0	2,173,186	10,400,405	6,627,752	8,757,816	0	0	287,412	130,989	3,471,668	910,002	1,579,884	34,683,739		

13 Wage Adjustment Factor 106.6%

14 Economically Disadvantaged Decile 2

* Total foundation enrollment does not include columns 11 through 13, because those columns represent increments above the base. The pupils are already counted in columns 1 to 10.

Special education enrollment assigns pupils in pre-kindergarten and half-time kindergarten an enrollment count of .5.

Special education out-of-district headcount is an assumed percentage, representing 3.75 percent of K to 12 non-vocational enrollment and 4.75 percent of vocational enrollment.

Economically disadvantaged headcounts are the number of pupils in columns 1 through 10 who are directly certified as eligible for the Supplemental Nutrition Assistance Program (SNAP); the Transitional Assistance for Families with Dependent Children (TAFDC); and MassHealth (Medicaid).

Each component of the foundation budget represents the enrollment on line 1, multiplied by the appropriate state-wide foundation allotment.

The wage adjustment factor is applied to underlying rates in all functions except instructional equipment, benefits and special education tuition.

The foundation budget shown on this page may differ from the final number used in the formula, due to rounding error.

Foundation Budget per Pupil 10,246

Massachusetts Department of Elementary and Secondary Education

Office of School Finance



FY19 Chapter 70 Determination of City and Town Total Required Contribution

342 Wilmington

Effort Goal

FY19 Increments Toward Goal

1) 2016 equalized valuation	4,129,321,200	13) Required local contribution FY18	28,261,032
2) Property percentage	0.3642%	14) Municipal revenue growth factor (DOR)	5.99%
3) Local effort from property wealth	15,039,791	15) FY19 preliminary contribution (13 x 14)	29,953,868
4) 2015 income	991,323,000	16) Preliminary contribution pct of foundation (15/8)	78.08%
5) Income percentage	1.4174%	<i>If preliminary contribution is above the target share:</i>	
6) Local effort from income	14,051,119	17) Excess local effort (15 - 10)	862,958
7) Combined effort yield (row 3+ row 6)	29,090,910	18) 85% reduction toward target (17 x 85%)	733,514
8) Foundation budget FY19	38,361,215	19) FY19 required local contribution (15 - 18), capped at 90% of foundation	29,220,354
9) Maximum local contribution (82.5% * row 8)	31,648,003	20) Contribution as percentage of foundation (19 / 8)	76.17
10) Target local contribution (lesser of row 7 or row 9)	29,090,910	<i>If preliminary contribution is below the target share:</i>	
11) Target local share (row 10 as % of row 8)	75.83%	21) Shortfall from target local share (11 - 16)	
12) Target aid share (100% minus row 11)	24.17%	22) Added increment toward target (13 x 1% or 2%)*	
		*1% if shortfall is between 2.5% and 7.5%; 2% if shortfall > 7.5%	
		23) Shortfall from target after adding increment (10 - 15 - 22)	
		24) FY19 required local contribution (15 + 22)	
		25) Contribution as percentage of foundation (24 / 8)	



FY19 Chapter 70 Apportionment of Local Contribution Across School Districts

	Wilmington	Shawsheen Valley	Combined Total for All Districts
342 Wilmington			
<u>Prior Year Data (for comparison purposes)</u>			
1 FY18 foundation enrollment	3,439	240	3,679
2 FY18 foundation budget	34,239,954	3,688,753	37,928,707
3 Each district's share of municipality's combined FY18 foundation	90.27%	9.73%	100.00%
4 FY18 required contribution	25,512,508	2,748,524	28,261,032
<u>FY19 apportionment of contribution among community's districts</u>			
5 FY19 total unapportioned required contribution ('municipal contribution' sheet row 19 or 24)			29,220,354
6 FY19 foundation enrollment	3,385	231	3,616
7 FY19 foundation budget	34,683,739	3,677,477	38,361,215
8 Each district's share of municipality's total FY19 foundation	90.41%	9.59%	100.00%
9 FY19 Required Contribution	26,419,161	2,801,193	29,220,354
10 Change FY19 to FY18 (9 - 4)	906,653	52,669	959,322



Massachusetts Department of Elementary and Secondary Education FY19 Chapter 70 Summary

342 Wilmington

Aid Calculation FY19

Prior Year Aid	
1 Chapter 70 FY18	11,270,330
Foundation Aid	
2 Foundation budget FY19	34,683,739
3 Required district contribution FY19	26,419,161
4 Foundation aid (2 -3)	8,264,578
5 Increase over FY18 (4 - 1)	0

Minimum Aid	
6 Minimum \$20 per pupil increase	67,700

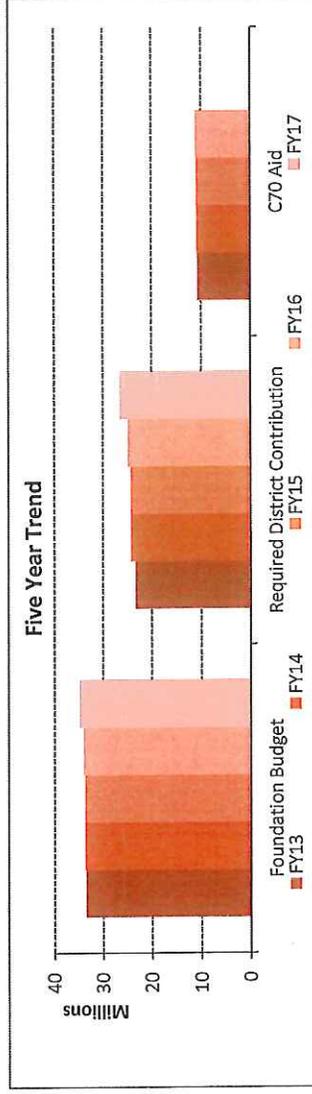
Non-Operating District Reduction to Foundation	
7 Reduction to foundation	0

FY19 Chapter 70 Aid	
9 sum of line 1, 5 minus 7	11,338,030

Comparison to FY18

	FY18	FY19	Change	Pct Chg
Enrollment	3,439	3,385	-54	-1.57%
Foundation budget	34,239,954	34,683,739	443,785	1.30%
Required district contribution	25,512,508	26,419,161	906,653	3.55%
Chapter 70 aid	11,270,330	11,338,030	67,700	0.60%
Required net school spending (NSS)	36,782,838	37,757,191	974,353	2.65%
Target aid share	25.67%	24.17%		
C70 % of foundation	32.92%	32.69%		

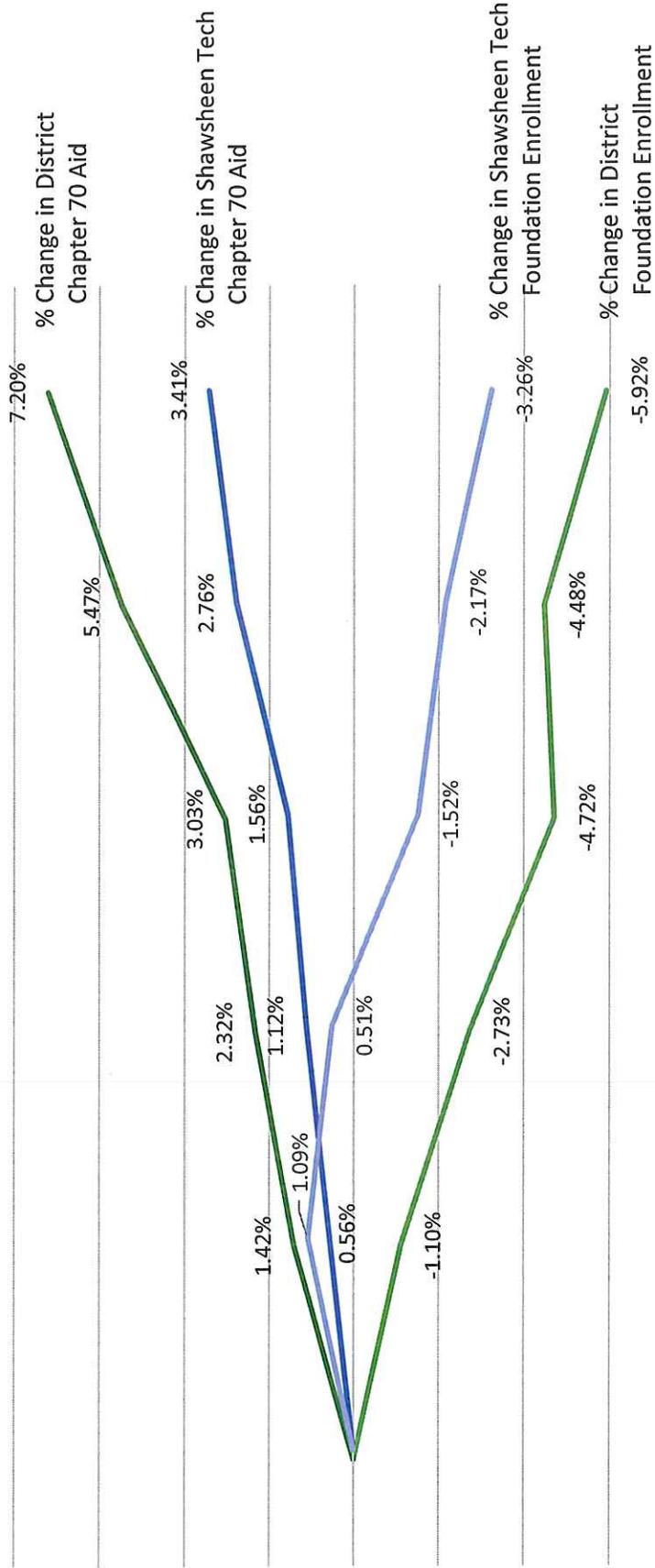
Required NSS % of foundation 107.43% 108.86%



Foundation Enrollment v. Chapter 70 Aid Growth Comparison

FY14-FY19

2/5/2018



FY14 FY15 FY16 FY17 FY18 FY19

Foundation Enrollment
FY14-FY19
 2/5/2018

	FY14		FY15		FY16		FY17		FY18		FY19		5-year
	Enrollment	YTY Chg	% change										
Bedford	2579	1.12%	2608	-0.88%	2585	0.43%	2596	1.96%	2647	1.96%	2660	0.49%	3.14%
Billerica	5547	-2.92%	5385	-0.48%	5359	-3.68%	5162	-2.48%	5034	-2.48%	4908	-2.50%	-11.52%
Burlington	3594	-1.14%	3553	-2.36%	3469	-0.32%	3458	1.07%	3495	1.07%	3514	0.54%	-2.23%
Tewksbury	3747	-0.27%	3737	-2.73%	3635	-3.08%	3523	2.04%	3595	2.04%	3468	-3.53%	-7.45%
Wilmington	3597	-0.72%	3571	-2.10%	3496	-2.00%	3426	0.38%	3439	0.38%	3385	-1.57%	-5.89%
District Total	19,064	-1.10%	18,854	-1.64%	18,544	-2.04%	18,165	0.25%	18,210	0.25%	17,935	-1.51%	-5.92%
Shawsheen Tech	1382	1.09%	1397	-0.57%	1389	-2.02%	1361	-0.66%	1352	-0.66%	1337	-1.11%	-3.26%

Chapter 70 Aid
FY14-FY19
 2/5/2018

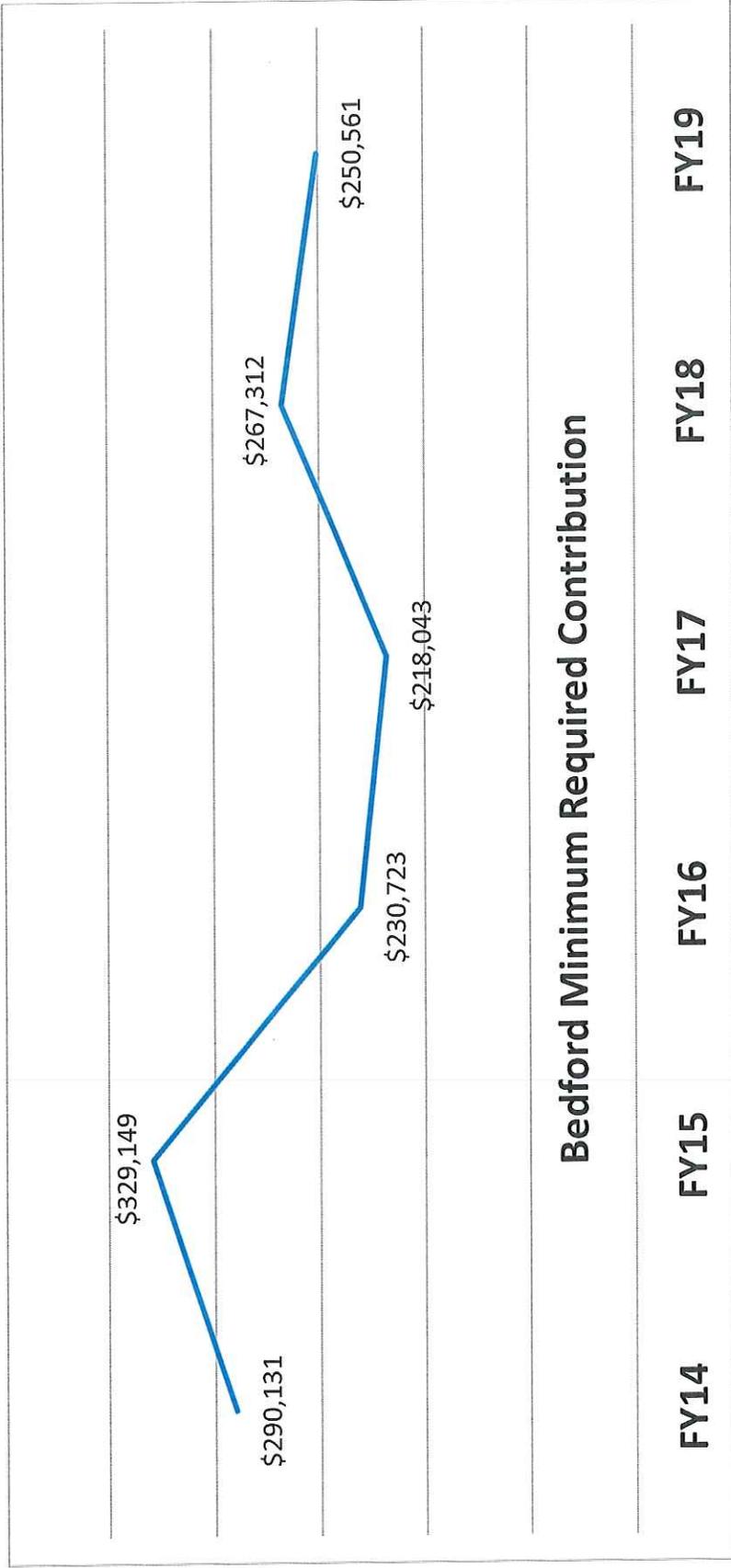
	FY14		FY15		FY16		FY17		FY18		FY19		5-year % change
	Aid Amt	YTY Chg											
Bedford	\$3,924,537	5.62%	\$4,145,009	5.62%	\$4,209,634	1.56%	\$4,261,554	1.23%	\$4,595,175	7.83%	\$4,769,553	3.79%	21.53%
Billerica	\$18,351,984	0.73%	\$18,486,609	0.73%	\$18,620,584	0.72%	\$18,723,824	0.55%	\$19,005,174	1.50%	\$19,153,674	0.78%	4.37%
Burlington	\$5,497,577	3.40%	\$5,684,571	3.40%	\$5,771,296	1.53%	\$5,840,456	1.20%	\$6,089,830	4.27%	\$6,448,721	5.89%	17.30%
Tewksbury	\$12,633,990	0.74%	\$12,727,415	0.74%	\$12,818,290	0.71%	\$12,888,750	0.55%	\$13,083,955	1.51%	\$13,189,265	0.80%	4.40%
Wilmington	\$10,802,055	0.83%	\$10,891,330	0.83%	\$10,978,730	0.80%	\$11,047,250	0.62%	\$11,235,940	1.71%	\$11,338,030	0.91%	4.96%
District Total	\$51,210,143	1.42%	\$51,934,934	1.42%	\$52,398,534	0.89%	\$52,761,834	0.69%	\$54,010,074	2.37%	\$54,899,243	1.65%	7.20%
Shawsheen Tech	\$6,206,186	0.56%	\$6,241,111	0.56%	\$6,275,836	0.56%	\$6,303,056	0.43%	\$6,377,731	1.18%	\$6,417,991	0.63%	3.41%

Foundation Enrollment v. Allocation of Minimum Required Contribution

FY14-FY19

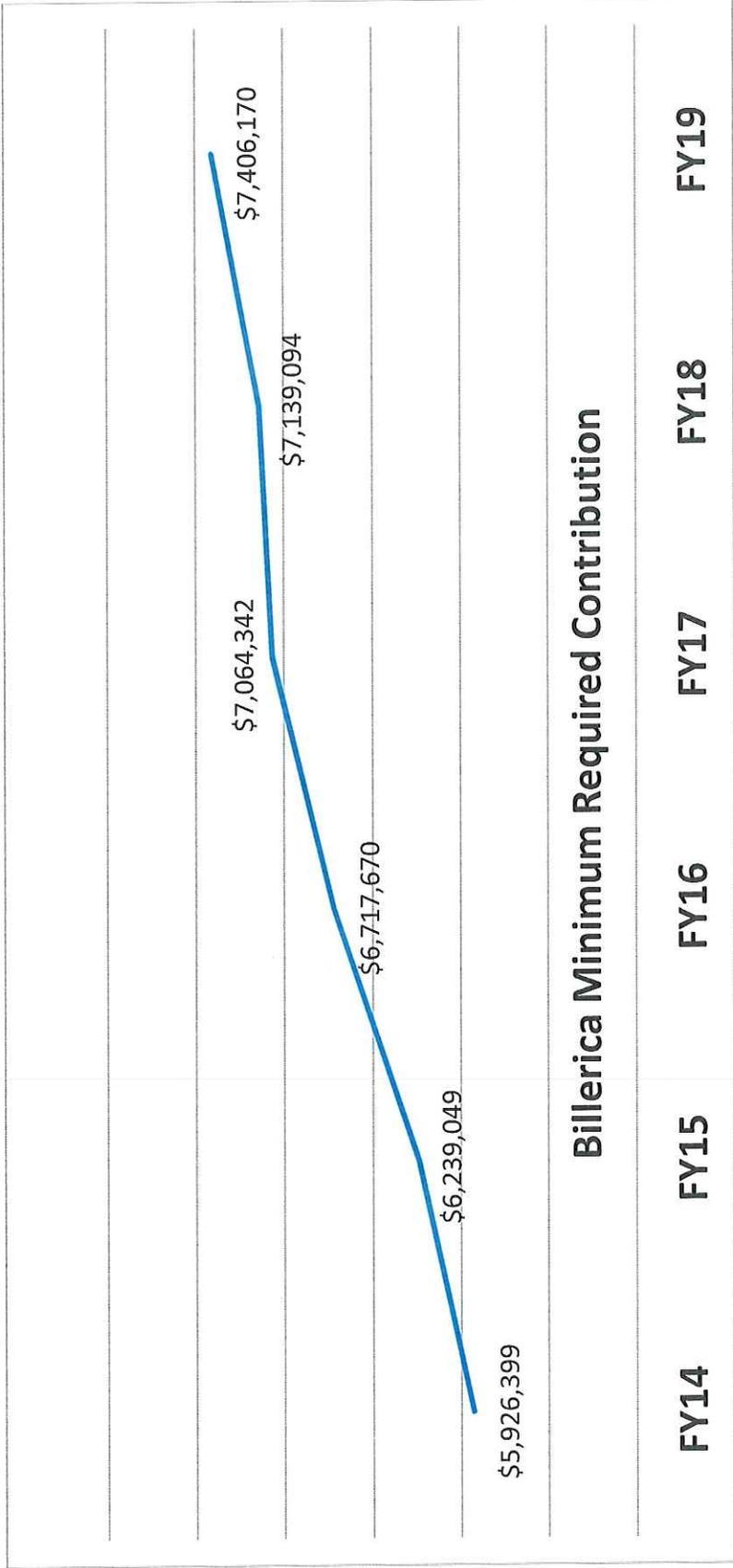
2/5/2018

	FY14	% change YTY	FY15	% change YTY	FY16	% change YTY	FY17	% change YTY	FY18	% change YTY	FY19	% change YTY
Bedford Found. Enrollment	2579	N.A.	2608	1.12%	2585	-0.88%	2596	0.43%	2647	1.96%	2660	0.49%
Bedford PS Req'd Contrib.	\$21,670,472	N.A.	\$21,890,571	1.02%	\$22,187,734	1.36%	\$21,979,062	-0.94%	\$22,291,183	1.42%	\$23,019,572	3.27%
Bedford Enrollment @ SRVTHS	23	N.A.	26	13.04%	18	-30.77%	17	-5.56%	21	23.53%	19	-9.52%
Shawsheen Req'd Contrib.	\$290,131	N.A.	\$329,149	13.45%	\$230,723	-29.90%	\$218,043	-5.50%	\$267,312	22.60%	\$250,561	-6.27%
Billerica Found. Enrollment	5547	N.A.	5385	-2.92%	5359	-0.48%	5162	-3.68%	5034	-2.48%	4908	-2.50%
Billerica PS Req'd Contrib.	\$35,443,588	N.A.	\$35,165,450	-0.78%	\$35,483,899	0.91%	\$35,162,056	-0.91%	\$35,556,235	1.12%	\$36,759,415	3.38%
Billerica Enrollment @ SRVTHS	588	N.A.	600	2.04%	647	7.83%	655	1.24%	645	-1.53%	630	-2.33%
Shawsheen Req'd Contrib.	\$5,926,399	N.A.	\$6,239,049	5.28%	\$6,717,670	7.67%	\$7,064,342	5.16%	\$7,139,094	1.06%	\$7,406,170	3.74%
Burlington Found. Enrollment	3594	N.A.	3553	-1.14%	3469	-2.36%	3458	-0.32%	3495	1.07%	3514	0.54%
Burlington PS Req'd Contrib.	\$32,068,110	N.A.	\$30,725,441	-4.19%	\$30,149,693	-1.87%	\$29,330,584	-2.72%	\$29,571,420	0.82%	\$30,847,151	4.31%
Burlington Enrollment @ SRVTHS	80	N.A.	104	30.00%	110	5.77%	114	3.64%	129	13.16%	121	-6.20%
Shawsheen Req'd Contrib.	\$1,103,375	N.A.	\$1,386,622	25.67%	\$1,457,865	5.14%	\$1,473,210	1.05%	\$1,642,335	11.48%	\$1,593,227	-2.99%
Tewksbury Found. Enrollment	3747	N.A.	3737	-0.27%	3635	-2.73%	3523	-3.08%	3595	2.04%	3468	-3.53%
Tewksbury PS Req'd Contrib.	\$25,513,488	N.A.	\$26,187,077	2.64%	\$26,940,200	2.88%	\$27,111,375	0.64%	\$27,764,062	2.41%	\$28,034,498	0.97%
Tewksbury Enrollment @ SRVTHS	428	N.A.	402	-6.07%	365	-9.20%	334	-8.49%	317	-5.09%	336	5.99%
Shawsheen Req'd Contrib.	\$4,659,333	N.A.	\$4,464,056	-4.19%	\$4,257,568	-4.63%	\$4,087,464	-4.00%	\$3,875,944	-5.17%	\$4,329,083	11.69%
Wilmington Found. Enrollment	3597	N.A.	3571	-0.72%	3496	-2.10%	3426	-2.00%	3439	0.38%	3385	-1.57%
Wilmington PS Req'd Contrib.	\$24,229,668	N.A.	\$24,256,928	0.11%	\$24,840,882	2.41%	\$24,982,226	0.57%	\$25,512,508	2.12%	\$26,419,161	3.55%
Wilmington Enrollment @ SRVTHS	263	N.A.	265	0.76%	249	-6.04%	241	-3.21%	240	-0.41%	231	-3.75%
Shawsheen Req'd Contrib.	\$2,792,854	N.A.	\$2,851,916	2.11%	\$2,746,546	-3.69%	\$2,730,101	-0.60%	\$2,748,524	0.67%	\$2,801,193	1.92%
Shawsheen Tech Total Enrollment	1382	N.A.	1397	1.09%	1389	-0.57%	1361	-2.02%	1352	-0.66%	1337	-1.11%



23 26 18 17 21 19

Enrollment



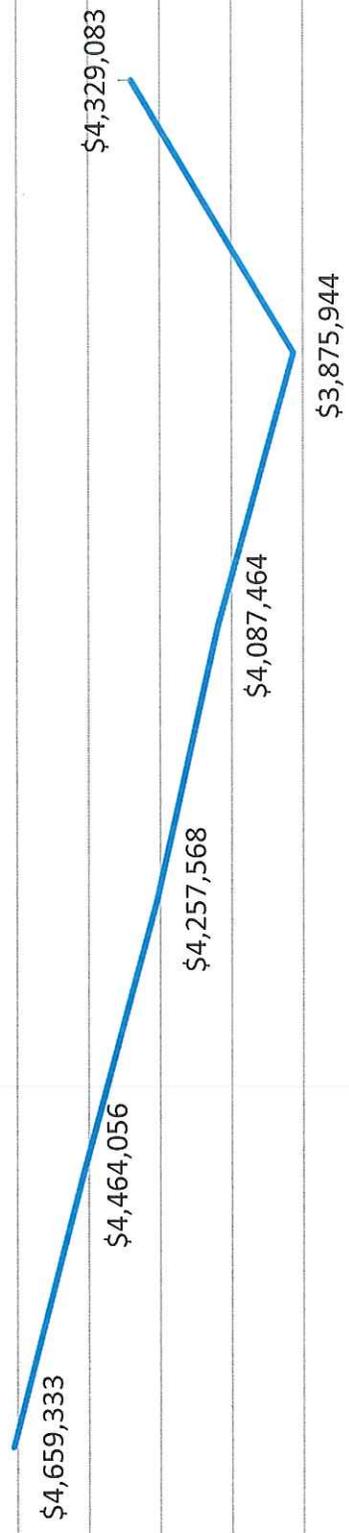
Billerica Minimum Required Contribution

Enrollment



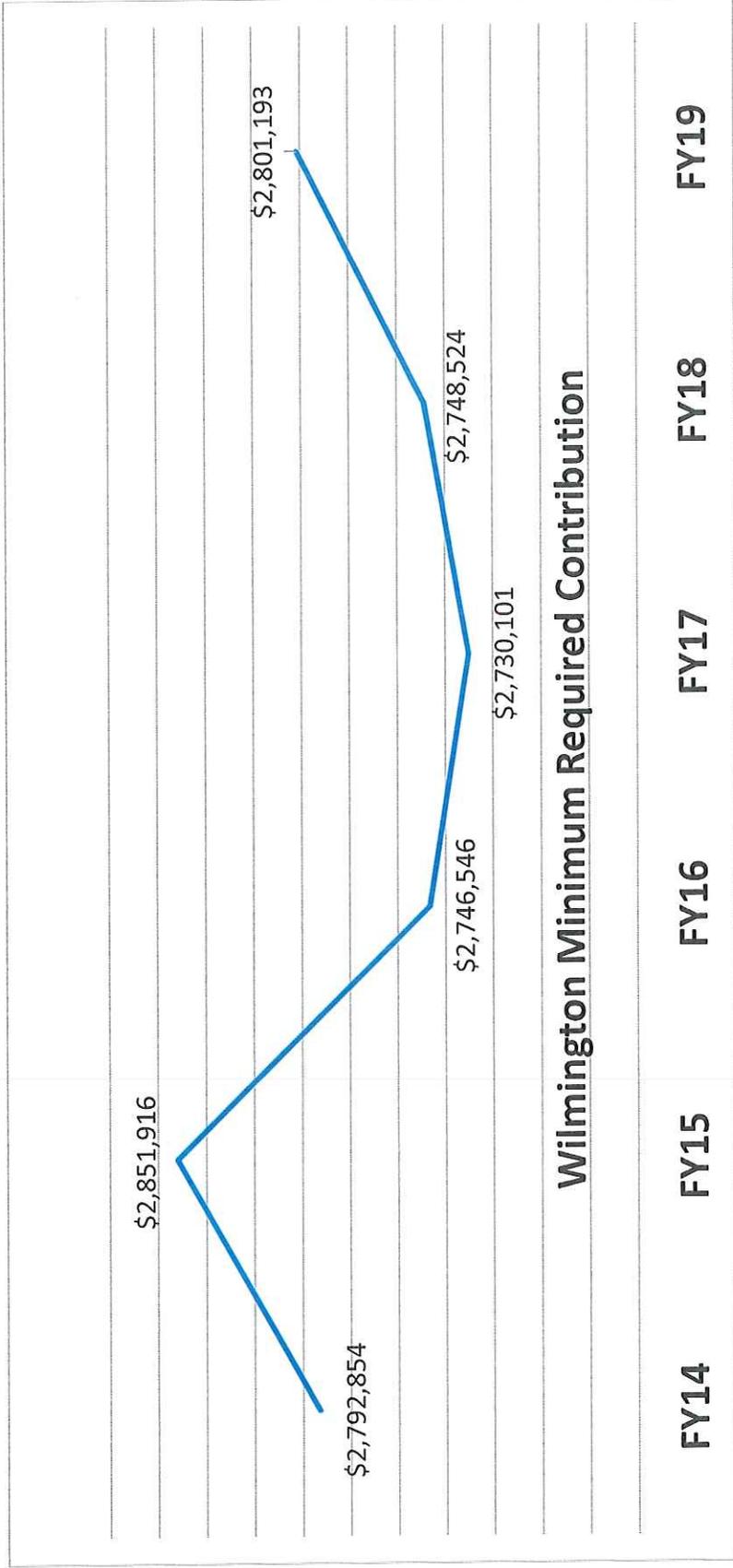
FY14	FY15	FY16	FY17	FY18	FY19
80	104	110	114	129	121

Enrollment



Tewksbury Minimum Required Contribution

FY14	FY15	FY16	FY17	FY18	FY19
428	402	365	334	317	336
} Enrollment					



Enrollment

Shawsheen Valley Regional Vocational Technical School District
Revolving Fund Projections for FY 2019

	Revenue Projections	Expense Projections
	FY 2019	FY 2019
Heating Ventilation & Air Conditioning	1,000	(500)
* Automotive Technology	130,000	(140,000)
Auto Collision and Repair	20,000	(16,000)
Business Technology	1,000	(1,000)
Carpentry	1,900	(1,500)
Cosmetology	15,000	(13,000)
* Culinary Arts	55,000	(60,000)
Computer Science & Internet Technology	500	(500)
Electronics	0	(1,000)
Electrical	1,000	(1,000)
Graphic Communication	14,000	(10,000)
Health Assisting	0	0
Machine Technology	0	(2,500)
Metal Fabrication & Joining Technologies	0	0
Plumbing	0	0
Design & Visual Communications	0	0
English	5,000	(4,800)
Math	0	0
Science	200	(200)
Social Studies	0	0

Projections based on actual FY 2017

* Includes Expenditure per Capital Budget

Shawsheen Valley Regional Vocational Technical School District
Revolving Fund Projections for FY 2019

	Revenue Projections FY 2019	Expense Projections FY 2019
Special Education	0	0
Audio Visual - Scholarship	0	0
Guidance	3,000	(2,800)
Athletics	6,000	(6,000)
Student Fees	3,000	(2,000)
Student Act - Revenue	0	
Student Act - Vending	2,800 ✓	
Student Act - Salaries		(100)
Student Act - Expense		0
Student Act - Vending		(2,500) ✓
Building Security	6,500 ✓	(3,000) ✓
School Store	7,500 ✓	(7,300) ✓
Gratuity	4,500 ✓	(2,000) ✓
*PN	420,000 ✓	(425,000) ✓
Bakery	15,000 ✓	(13,000) ✓
Inmate Training	0	0
Friends of Football	12,000 ✓	(10,000) ✓
*Friends of Swim	110,000 ✓	(60,000) ✓
Yearbook	20,000 ✓	(20,000) ✓
Friends of Boys Soccer	0 ✓	0 ✓
Citizenship Account	1,000 ✓	(500) ✓
Friends of Baseball	800 ✓	(600) ✓
Friends of Girls Soccer	0 ✓	0 ✓

Projections based on actual FY 2017

* Includes Expenditure per Capital Budget

Shawsheen Valley Regional Vocational Technical School District
Revolving Fund Projections for FY 2019

	Revenue Projections	Expense Projections
	FY 2019	FY 2019
Girl's Lacrosse	300 ✓	(300) ✓
Friends of Boys Lacrosse	1,000 ✓	(500) ✓
Friends of Girls Hockey	100 ✓	(100) ✓
Student Council	5,000 ✓	(4,800) ✓
Drama Club	0 ✓	0 ✓
Football Camp	200 ✓	(200) ✓
Spring Track	0 ✓	0 ✓
Friends of Cross Country	0 ✓	0 ✓
Friends of Golf	350 ✓	(300) ✓
Baseball Camp	0 ✓	0 ✓
Hockey Alumni	5,000 ✓	(4,900) ✓
Traveling Rams	2,500 ✓	(1,000) ✓
Wrestling	0 ✓	0 ✓
Middlesex Community College	0 ✓	0 ✓
Outdoor Club	300 ✓	(300) ✓
Ski Club	2,500 ✓	(2,500) ✓
Freshman Orientation	20,000 ✓	(20,000) ✓
Total for all Revolving Funds	893,950	(841,700)

Projections based on actual FY 2017

* Includes Expenditure per Capital Budget

Shawsheen Valley Regional Vocational Technical School District
Revolving Fund Projections for FY 2019

	Revenue Projections	Expense Projections
	FY 2019	FY 2019
* Cafeteria	445,000	(445,000)
Summer School	25,000	(25,000)
Night School	185,000	(180,000)
Total for all Other Revolving Funds	655,000	(650,000)

Projections based on actual FY 2017

* Includes Expenditure per Capital Budget

Shawsheen Valley Regional Vocational Technical School District
Revolving Fund Projections for FY 2018

	Revenue Projections	Expense Projections
	FY 2018	FY 2018
Health Trust	3,639,824	(3,639,824)
Compensated Absences	0	(50,000)
Unemployment	0	0
OPEB	315,000	0
Total Trust Funds	3,954,824	(3,689,824)

2017 ANNUAL REPORT
SHAWSHEEN VALLEY REGIONAL
VOCATIONAL/TECHNICAL SCHOOL DISTRICT

The Shawsheen Valley Regional Vocational Technical School District (SVTHSD) is pleased to submit its 2017 Annual Report to the citizens of Bedford, Billerica, Burlington, Tewksbury, and Wilmington. Located on Cook Street in Billerica next to the towns of Burlington and Wilmington, the school celebrated its 47th anniversary this year, perpetuating the highest quality in vocational technical education to area youth and residents.

The representatives of the 10-member Regional School Committee that governs the District are: Donald Drouin and Glenn McIntyre from Bedford; Kenneth L. Buffum and Paula McShane Lambert, Secretary, from Billerica; Paul V. Gedick and Robert Gallagher, from Burlington; Patricia W. Meuse and Lisa Puccia, Treasurer, from Tewksbury; and James M. Gillis, Vice Chair and Robert G. Peterson, Chairman, from Wilmington. Timothy Broadrick has been Superintendent/Director of the District since 2015.

Shawsheen Valley Technical High School (SVTHS) is one of twenty six (26) regional vocational technical school districts in Massachusetts. One thousand three hundred twenty-six (1,326) high-school students were enrolled in SVTHS's day school programs in October of 2017, and more than 400 adults participated in the school's various adult and continuing education courses.

In June of 2017, SVTHS graduated 323 seniors. Sixty-three percent (63%) of the graduates planned to attend college or other post-secondary schooling in the fall. Thirty-one percent (31%) of the students intended to continue working in their trade and less than two percent (2%) entered the armed forces. Four percent (4%) of the graduates were undecided about their future plans.

The SVTHS faculty is an exceptional group of talented academic and vocational-technical educators who are highly qualified to teach in their respective disciplines and occupational areas. SVTHS employs one hundred forty-five (145) full-time teachers as well as ten (10) paraprofessionals. Of those full-time teachers, eleven (11) are department chairs, and seventeen (17) are lead teachers. All SVTHS teachers exhibit the character, health, personality, and professional competency worthy of serving the needs of District students.

Academic Programs

Sixty-three percent of the Class of 2017 transitioned to either 4- or 2-year post-secondary programs. Students from Shawsheen Valley Technical High School attend a variety of local and national colleges and universities.

Outstanding MCAS Growth and Achievement Scores.

Student Growth Percentile. Student growth percentile is a statistic that measures the degree to which students mature or regress academically in English and Mathematics between the grade 8 and grade 10 MCAS exams. Of the 298 Massachusetts public and charter schools who administered the tenth-grade ELA test, Shawsheen ranked at number fifteen in student growth,

with a student growth percentile of seventy-four percent (74%). Of the same number of Massachusetts public and charter schools who administered the tenth-grade Mathematics test, Shawsheen ranked at number 40 in student growth, with a student growth percentile of sixty-five percent (65%).

Composite Performance Index (CPI). CPI is calculated by awarding 100 points to Advanced or Proficient scores, 75 points to scores within the upper half of the Needs Improvement range, 50 points to scores within the lower half of the Needs Improvement range, 25 points to scores within the upper half of the Failure range, and 0 points to scores within the lower half of the Failure range. The CPI reported by the Department of Elementary and Secondary Education is the mean of all individual CPI scores. In 2017 Shawsheen's Composite Performance Index in the 3 MCAS tested subject were as follows:

English Language Arts:	98.9 CPI
Mathematics:	93.5 CPI
Science:	95.2 CPI

Adams Scholars. Shortly after recognizing the superior performance of Shawsheen's sophomores, the Department of Elementary and Secondary Education lauded the school's senior class by naming ninety-nine (99) recipients of the John and Abigail Adams Scholarship Award.

Curriculum Revision. During the summer of 2017 teachers within the English, Math, Science and Special Education departments engaged in the revision and development of curriculum documents in the core subjects, with modifications to said core curricula for special education classes. The focus of the curriculum revisions centered on ensuring that all core English, Math and Science curriculum documents aligned with both new and revised DESE Standards. Curriculum documents were shared with all members of the English, Math, Science and Special Education departments, and since the beginning of the 2017-2018 school year teachers have begun implementing the curricula.

New Staff. Shawsheen added many new faces to its teaching staff in September of 2017. Tanya Baron and Tina Collins will be heading up the Electronics Shop; Stephanie DiCecca in Metal Fabrication & Joining Technologies; Mary Carroll in Business Technology & Marketing; Robert McIsaac and Bryan Ibbitson were added to Social Studies; Kimberly Barriss in Biology; Aliali Belkus will be teaching Spanish during Shawsheen's day school, Sara Belson in English and Vanessa Valentin will be teaching in Support Services. All new teachers bring valued experience to our professional staff.

Summer Classes. In the summer of 2017, thirty-three (33) students remediated at Shawsheen in courses that they failed during the school year in order to recover credit required for promotion or graduation. All courses were on-site, face-to-face offerings that provided the frequency and depth of teacher interaction necessary for regular and special education students who revisit and master content during the summer. All of the students successfully recovered course credit.

In addition to the remedial courses, Shawsheen offered enrichment—"Summer at Shawsheen"—opportunities to in-district students in areas that included college-application essay writing, SAT

Verbal and Math preparation, creative writing, kitchen fundamentals, and technology application (Tech Jam.)

Clubs and Organizations

Classes. Culminating a yearlong series of successful social events and fundraisers, each of the four classes held memorable formal and semi-formal events. Under the direction of their co-advisors, Ms. Marygrace Ferrari and Ms. Maria Baker, the Seniors held a gala prom at the Danversport Yacht Club. The Junior class, advised by Ms. Bethany Keane, donned gowns and tuxedos at Michael's Function Hall in Haverhill. The Sophomores, advised by Ms. Marshall and Mr. Considine, collaborated with the Freshman class, advised by Ms. Caira and Ms. Robinson, on the annual Spring Fling semiformal, which was held at the school.

The Eighteenth Annual Shawsheen Turkey Bowl—the much anticipated flag-football game between the junior and senior girls—was once again a successful holiday event, which raised donations of cash and food for local charities. The junior girls earned year-long bragging rights with a 21-6 victory over the seniors.

Literary Magazine. Magazine advisors, Ms. Stacy LaBella of the English Department and Mr. Doug Michaud of the Design and Visual Communication shop, earned highest overall honors at annual publication contest sponsored by The New England Scholastic Press Association (NESPA) affiliated with Boston University's College of Communication. For the ninth consecutive year, Shawsheen's literary magazine, *Ramblings*, received awards for excellence by that organization—recognizing the special talents of the SVTHS students who supplied the content and designed the layout of the annual publication.

School Newspaper. In 2016-2017, first-year *Rampage* advisor Ms. Jessica Brierley of the English Department published her inaugural editions of the newspaper, receiving the journalistic baton from department colleague Ms. Kerry O'Brien. Ms. Brierley continued to work with Mr. Michael Azevedo of the Design and Visual Communication Shop and Mr. Tom Struthers of the Graphics Art shop in this model academic-vocational co-curricular collaboration.

National Honor Society. Under the advisorship of Ms. Shannon Becker of the English Department, the SVTHS chapter of the National Honor Society inducted 40 eleventh graders and seven twelfth-graders in the spring during its 27th annual induction ceremony. The keynote speaker was Dr. Robert E. Cunningham, Shawsheen's former Assistant-Superintendent/Principal, who retired with distinction five years ago. Throughout the school year, NHS members distinguished themselves within the District and school community with service to various charitable causes and assistance during important school events.

Student Council. The Student Council continued its energetic paper-recycling program throughout the year under the direction of faculty advisor Ms. Ellen Mountain. Throughout the school year, Ms. Mountain continued the Council's formidable efforts to recycle paper, cardboard, and plastic from all classrooms and shops. In addition, the Council sponsored fundraisers for the Catie's Closet, local animal shelters, Operation Christmas Wish, the Billerica Food Pantry, and the Teens for Jeans program.

Oratory Club. Coached by faculty advisor Ms. Kristin Doucette of the English Department, the 2016-2017 Oratory Club participated in three contests over the course of the year. In the fall, members participated in the annual Lions Club Youth Speech Competition. In the spring, club members participated in SkillsUSA planned and extemporaneous speech.

The Traveling Rams. During 2016-2017 school year, first-year club advisor and DVC faculty member, Ms. Alison Ouellette, ambitiously planned and raised funds in preparation for their West Coast trip scheduled for the spring of 2018. Although the planned trip is fully subscribed, any parents or students interested in information about The Traveling Rams should contact, Ms. Alison Ouellette at 978-671-3667 or at aouellette@shawtech.org.

Science Club. The Science Club, advised by Mr. Ed O'Mara of the Science Department, continued to engage participants in co-curricular activities complementing their study within the discipline. Club members conducted lab experiments, maintained reptile terrariums and fish tanks, and fostered carnivorous plants—in general observing, recording, and discussing laboratory results and animal behavior that broadened their understanding of scientific theory and its applications.

Outdoor Club. The Outdoor Club, advised by Mr. Brian Considine of Culinary Arts, took four overnight trips to the White Mountains. Students learned outdoor safety and leadership skills while snowshoeing and climbing mountains. Interested students should contact Mr. Considine at bconsidine@shawtech.org

Ski Club. The Ski Club, advised by Mr. Patrick Ryan of the Metal Fabrication and Joining Technologies shop, planned a series of after-school ski trips to the Mt. Wachusett Mountain Ski Area in Princeton, MA. Interested skiers or boarders of any experience level should contact Mr. Ryan at pryan@shawtech.org.

Sportsmen Club. Under the direction of Electrical teacher and eminent sportsman Mr. John Bagni, members of the Sportsman Club honed their archery skills during the late fall and winter, fished the Shawsheen River in April, competed with rod and reel at the Burlington Reservoir in May, and capped their season with a deep-sea fishing outing originating in Gloucester. Avid or budding sports archery or fishing enthusiasts should contact Mr. Bagni at jbagni@shawtech.org.

Parent Advisory Council (PAC). The SVTHS Parent Advisory Council, under the direction of its faculty advisor, Mr. Ronald Fusco, sponsored another successful All-Night Graduation Party—which, throughout the years, has kept the newest Rams alumni safe and entertained during the night following the commencement ceremony. PAC fundraisers defray the cost of the All-Night Party and provide twenty scholarships to outstanding Shawsheen seniors from each shop. Parents interested in assisting with this year's traditional fete should contact party chair Carla Duffy at carla.duffy@comcast.net.

Teen Dating Violence Awareness Group (TDVAG). Shawsheen's social consciousness and collective voice of principled young adults speak clearly through TDVAG led by Ms. Stacey Gerace, a member of the Drafting faculty. TDVAG conducts regular meetings and participates

in community activities to lend support to issues that pose harm to the physical and emotional well-being of young adults. Members of the club provided assistance for a REACH event at the Boston Waterfront. Project REACH (Racial and Ethnic Approaches to Community Health) has earned an outstanding reputation in the local and public health community for its work in raising awareness of racial and ethnic health problems. Ms. Gerace and TDVAG members extended their community involvement by participating in a 5K Walk for Change sponsored by BARCC (Boston Area Rape Crisis Center.)

Anti-Bullying Club. In collaboration with Wilmington Public Schools, Ms. Caira and Shawsheen student leaders promote anti-bullying awareness through the CARES (Children's Art, Recreation, and Enrichment Services) program. Ms. Caira and members of the Anti-Bullying Club visit Wilmington intermediate schools throughout October and November to promote self-confidence, self-respect, self-advocacy, responsible choice making, and friendship-building among children. The Shawsheen CARES program received the Massachusetts Coalition for Suicide Prevention Leadership in Suicide Prevention Award at the Massachusetts State House on Monday, March 6 during the Coalition's State House Day. Shawsheen students Leo Frisella, Patrick Baker, Shannon Vasas, Meghan Callahan and Alyssa Capiello, along with Guidance Counselor Angela Caira, accepted the award for Shawsheen. Parents or students with any questions or interest in the CARES program should contact Ms. Caira in the Guidance Department.

Book Club. The Reading Rams met monthly throughout the year to discuss their respective club selections—titles that included *Throne of Glass*, *The Lovely Bones*, and *Country of the Young*. Shawsheen's literati took field trips to Walden Pond, the Sleepy Hollow cemetery, and Salem, MA. The club enjoyed a Yankee-Swap holiday party in December as well as an end-of-year party and field trip in the spring.

Art and Chess Club. Students with talents ranging from prodigious to casual participated in both the Art and Chess Clubs—the former advised by Mr. Michael Azevedo of the Design and Visual Communication Shop; the latter, by Mr. Gerry Perriello of the Bakery.

Alumni Association. The omnipresent Rams Alumni joined Shawsheen's Orientation Leaders to sponsor the Annual Fall Fair, whose proceeds fund, in part, Alumni-sponsored scholarships for Shawsheen seniors. In addition, the Association sponsored a Steph Strong Memorial Golf Tournament in October to honor the life and memorialize the untimely passing of one of its most engaged and engaging members, Stephanie (Gianoulis) Mancini. The energetic Alumni also organized two other annual events—the Homecoming-morning 5k road race and walk, and the Alumni basketball game. And, of course, there were reunions. These festive grads assisted in the planning of three reunions—the tenth reunion of the Class of 2007 at the Tavern in the Square in Lowell; the 25th reunion of the Class of 1992 at the Billerica Country Club, and the 35th reunion of the Class of 1982 at the Tewksbury Knights of Columbus. Finally, the group held a planning session on January 25 for its 2019 Hall of Fame induction ceremony. Any SVTHS alumni interested in planning future events should contact Mr. Tildsley at jtildsley@shawtech.org.

Support Services

The SVTHS Support Services Department services one of the largest populations of students with special needs in Vocational Education within Massachusetts, approximately 335 students comprising about twenty-five percent (25%) of our student body. The most frequently occurring area of need is the category of Specific Learning Disability indicating that a history of academic difficulty existed prior to their arrival at Shawsheen. Nevertheless, SVTHS has had a strong graduation rate of this group of students with one hundred percent (100%) of seniors graduating in June, 2017, among the highest of any high school in Massachusetts. This compares to a state average of 69.1% percent for special needs students.

Shawsheen's special education students also demonstrated outstanding success on the spring, 2017 MCAS examinations. These results occurred due to a "team" effort on the part of Academic, Vocational/Technical, and Support Services staff to address the needs of our special education population. The rate of special education students who attained either Advanced or Proficient MCAS scores was extremely high yielding the following Composite Score Index in each area: English Language Arts, 96.1; Mathematics, 79.2; and Biology, 84.4. Students who initially experience difficulty passing one or more of the MCAS exams eventually attain graduation status through the district's MCAS remediation programs and re-taking the examination.

Parents of special education students at SVTHS are very highly involved in the IEP Team process – parent attendance at scheduled IEP Team meetings approaches 100%. Efforts occur to accommodate parent requests for IEP Team meeting dates to ensure their participation. Prior to the IEP Team meeting, parents are forwarded forms which request their input for current concerns regarding their student's educational progress. Responses are documented in the IEP. A written IEP draft is usually developed by the time of the IEP meeting. This draft is reviewed at the meeting so that the parents can fully understand all the elements of the IEP and initiate any questions. Any necessary revisions to the draft are then incorporated into the proposed version of the IEP.

Athletics

The three seasons comprising the 2017 athletic year were memorable and unique for Shawsheen Athletics. Over five hundred (500) Shawsheen students participated in interscholastic sports, earning six league championships and five state vocational championships.

The very impressive winning percentage of the varsity teams enabled fourteen teams to qualify for post-season play. Dozens of student athletes were honored with All-Star recognition by the Commonwealth Athletic Conference and Lowell Sun. Wrestler Jake Ferri graduated as the most recognized wrestler in school history. His accomplishments included All State Champ, New England Champ and USA All American honors. Jake was also a Globe and Herald All Scholastic. School records were broken by the Spring Boys Track 4x100 relay team and the Girls Swim Team broke the 200-medley relay. Overall it was a very successful athletic year for Shawsheen Tech.

Community Services

Adult Evening School: The Adult Evening School offered a wide variety of vocational/technical courses for adults interested in expanding their knowledge and skills for the 21st century workplace. In addition to our vocational and occupational courses offered during two semesters from September to June, the community education program offers a wide variety of enrichment classes including culinary arts, cosmetology, home repair, basic woodworking and metal working, to name a few. Interested residents should contact Dr. Russ Eckel, Workforce Development and Community Services Coordinator at (978) 671-3788 for information and/or a brochure.

Billerica House of Correction: The Billerica House of Correction's (BHOC) Education Director leads all prison education initiatives beyond the already established culinary arts program. SVTHS continues to collaborate through the Workforce Development and Community Services Coordinator with BHOC to expand its educational goals to inmates. SVTHS looks forward to maintaining its relationship with BHOC by providing technical assistance and end-of-course assessment services that will validate inmate achievement of course objectives.

Middlesex 3 Coalition. The Shawsheen Technical Institute is an active and founding member of the Middlesex 3 Business Coalition contributing in particular to the Coalition's subcommittee on Workforce Development. Committee members have been working to bring innovative training programs to businesses throughout the region while also providing much needed information about funding for employee training through the Workforce Training Fund.

SVRTHS and Microsoft Partnership. A new partnership was forged in 2017 between SVRTHS and the Microsoft Corporation to bring opportunities to middle school students to experience the latest technologies. The result of this partnership was a highly successful event, Tech Jam, held in April, 2017. The event attracted over one-hundred and fifty students from the Greater Merrimack Valley for a day of exploration and discovery.

School of Practical Nursing. The 2017 year graduated 29 Practical Nurses (PN). Since its inception, a total of 781 students have successfully continued on to a rewarding career as Licensed Practical Nurses. This intense ten-month program offers a combination of evening and weekend coursework and clinical experiences with preparation for the National PN examination included. A review of prior graduates revealed 100% successfully passing NCLEX-PN and ninety-five percent (95%) placement as an LPN. Residents interested in applying to the PN program are urged to contact the Director of the School of Practical Nursing, Ms. Patricia Noonan, at (978) 671-3646 or view our website at www.shawsheenpracticalnursing.com.

Project Explore. Nearly 450 middle-school students from the District participated in after-school career awareness activities during the 2017 winter semester. Students explored a variety of career path options. This program is coordinated with area middle school guidance counselors. The program is free of charge and busing is provided by SVTHS. For registration materials or general information, interested residents should contact Ms. Jobee O'Sullivan at 978-671-3612.

Swim Program. SVTHS energetically continued its water aerobics, lap swim, parent-and-me swim class and swim lessons during 2017. The Shawsheen pool also continues to serve as the home site for interscholastic high-school swim teams from Billerica, Bedford and Burlington public schools. Individuals seeking swim program information should contact Mr. Jay Tildsley, Aquatic Director, at (978) 671-3699.

Computer Services

During the 2017 year, Computer Services completed all DESE data collection requirements. These reports included SIMS (Student Information Management System) data, EPIMS (Education Personnel Information Management System) data, SCS (Student Course Schedule) data, and the SSDR (School Safety and Discipline Report) data. All DESE data is being reported via SIF (Student Interoperability Frameworks) which is a longitudinal data system allowing for near real-time syncing of student data with the state data warehouse.

There has been continued effort to update and improve the user experience with many of the school wide systems accessed by students, parents, and staff. The district completed its transition to the Aspen special education system. All Individualized Education Plans and 504's are now created and managed through the same centralized student information system, which allows for seamless updates. Additional improvements have been made to the District's admissions application process. Online enrollment applications are being accepted which enables the electronic transfer of information directly into our admissions system for processing.

The Summer of 2017 saw Computer Services design an infrastructure for the future. Bandwidth was increased from 200 MB to 500 MB. Over ten wiring closets, including the Ralph Carrozza Fieldhouse, were upgraded to 10GB fiber connections and switches capable of running at that speed. The primary and secondary domain controllers were updated to run Microsoft Server 2016 in order to better communicate with our recently added Office 365 and Windows Azure Cloud environment. Thirty classrooms, including all of our Life Science wing, were upgraded to a newer/faster wireless infrastructure capable of connecting at three times their previous speed. This is step one in an ongoing project to support the mobile device initiative taken by the District. The remaining wireless infrastructure will hopefully be completed in the Summer of 2018.

As part of the previously mentioned mobile device initiative, Computer Services rolled out over fifteen carts containing four hundred (400) touch screen laptops for the students to use. Thirty-two teachers submitted plans for utilization of the devices. From the plans came a strategy where members of the Science, Math, Support Services, Social Studies, English, Health Assisting, Medical Assisting, and Dental could use the devices. The aforementioned teachers also had their laptops upgraded to a new Microsoft Surface device with a touchscreen pen. Computer Services also implemented Microsoft's Mobile Device Manager, known as Intune, for controlling and updating the devices. In December, Project Lead the Way and Electronics were given 27 Surface books that both departments can share for their curriculum.

AV Technology also improved over the summer. New Projectors were installed in thirteen classrooms. In another fourteen classrooms, the wiring was redone to accommodate HDMI

cabling. Early in 2017, new Spinertix Video displays were setup in the Cafeteria, School Dining Room and the Main Hallway near the administrative offices. Added to the already existing displays in the Life Science Wing and the Library, these signs help the student body keep abreast of the happenings at Shawsheen.

Guidance

Admissions. Approximately five hundred (500) applications were received for the class of 2021. This year, presentations occurred at our district town middle schools in Billerica, Wilmington, Tewksbury, Bedford and Burlington. Students, parents and community members were invited to events on site including the Guidance-Admissions Luncheon on January 12th, 8th Grade Career Night on January 18th, and Community Open House on November 5th.

9th Grade Orientation. The Class of 2021 participated in SVTHS 9th grade orientation program, Fresh Start. This exceptional program gave new students an opportunity to meet each other and become familiar with the school, its programs and staff. Our revamped program provided a week-long overview of expectations, exposed students to their top vocational programs of interest, then introduced various strategies to improve time management, self-care, and healthy decision-making. Trained student Orientation Leaders (mentors) organized the week and facilitated open communication, acceptance/tolerance of differences, student advocacy, and challenged students to “be themselves”. Since the Guidance Department implemented the freshman transition program in 2006 with the support of the Superintendent and School Committee, attendance has continued to improve while withdrawals have substantially decreased.

College and Career Planning. Shawsheen students continue to expand their options and opportunities after graduation. Studies conducted this year show a growing trend for SVTHS students to attend and remain at 4-year colleges and universities. In addition, SVTHS met federal benchmarks this year for graduates in all programs. This included positive placement in employment, college and military careers. SVTHS offered preparatory programs for both Accuplacer and SAT college entrance exams. Over seventy-five percent (75%) of the senior class participated in one or the other. SVTHS continues to offer a foreign language to students pursuing college programs that require it. The course is offered after school and evenings. Our annual College & Career Fair hosted over 85 colleges, universities, technical schools, military representatives and financial institutions. With over three hundred (300) attendees, each participant received a list of suggested questions and copy of our College & Career Planning Guide containing helpful scholarship/financial aid websites, new PSAT/SAT format, updated admissions standards for the Massachusetts State University System and for the University of Massachusetts. Senior guidance counselors were available to answer student and parent questions.

Scholarships and Awards. SVTHS students were awarded 165 scholarships totaling over \$138,550 in scholarship funds.

Cooperative Education Program. SVTHS had 203 seniors (62% of the class) out on co-op positions and 100 juniors (30% of the class) out on co-op at the end of June, 2017. Cooperative

education built momentum this fall with many of the vocational/technical programs increasing cooperative education placement. As of December 31, 2016, fifty-eight percent (58%) of the seniors were working in co-op positions.

Student Mental Health and Wellness. With the significant rise in mental health issues impacting schools, the District provided mental health training and updates for all faculty members to inform of current trends, area resources, and related topics. Trainings were provided by experts within the District as well as guest speakers through the Middlesex Partners for Youth Inc., and focused on the following topics: Suicide Awareness and Prevention; Anxiety and School Performance; Navigating the Cyber World; Underage Substance Use; and Understanding & Supporting Students' Mental Health Concerns. Free presentations were also provided to parents on Navigating the Cyber World and Underage Substance Use. During freshmen orientation, upper-class students, faculty members, and guest speakers presented information on Bullying Awareness and Prevention, Suicide Awareness and Prevention, and Mental Health. SVTHS also complied with the state mandate to conduct BMI testing for all 10th graders.

School Council

School Council. Under the direction of its co-chairs—school principal Dr. Robert Kanellas and faculty member Jason Tildsley—the 13-member Council met throughout the school year to discuss operating-budget items and school-policy issues. Discussions of the latter issues resulted in revisions to the Student Handbook and the drafting of the 2017-2018 School-Improvement Plan.

Vocational/Technical Programs

SkillsUSA. SkillsUSA is a national, non-profit organization preparing students for careers in trade, technology, and skilled-service occupations. SVTHS earned sixty-one medals at the 2017 District competition and twenty-eight medals at the State competition, including fourteen gold medals. Fourteen Shawsheen students represented Massachusetts at the National competition in Louisville, Kentucky. Once again, Shawsheen's DVC program had a talented student whose design was chosen to be the state-trading pin depicting this year's theme "Connecting You to Career Success". Additionally, Shawsheen's DVC program sent a team of three to compete in Promotional Bulletin Board, as well as State Pin Design. The Business Technology shop sent a team for Entrepreneurship; Heath Technologies competed Career Pathways as well as in Basic Health Care, displaying the utmost in professional care and earning a Gold medal; our Automotive Refinishing technologist joined eight other high school young women from across the country to compete in the Automotive Refinishing Technologist contest, returning with a Silver. For the fifth year in a row Shawsheen has had a state officer elected. This year's student is a senior in the Medical Assisting program.

National Accreditation. SVTHS has twenty-two vocational and technical programs, seven of which are nationally accredited by their respective industries. These programs include: Automotive Technology; Automotive Collision Repair & Refinishing; Machine Tool Technology; Metal Fabrication & Joining Technologies; Culinary Arts; Drafting Technology; and Heating, Ventilation, Air Conditioning, and Refrigeration.

Transportation Cluster

Automotive Technology. The Shawsheen Community benefits immensely from the outstanding service provided by the Automotive Technology program. Many Automotive students excelled in extra-curricular trade activities – twelve students participated in the District SkillsUSA competition with six advancing to state competition. The upperclassmen continue to receive certification from ASE Student Certification, ASE Refrigerant Recovery programs, as well as obtaining their OSHA-10 cards. Through the capital budget process, the program purchased a sand blasting machine. Sixteen of the eighteen senior students found employment through the Cooperative Education Program.

Automotive Collision Repair and Refinishing. The program is known throughout the community as the place for residents to go when accidents or mishaps require cosmetic repairs. The relationship provides the students an endless supply of vehicles to work on to learn their craft. During the year several students competed in SkillsUSA, with one senior winning the State Gold Medal and placed second in the National competition. Auto Collision received a Makeover Grant through the Collision Repair Education Foundation; new curriculum through I-CAR; a vehicle to repair for auction (where the proceeds will buy tools listed through the Grant application); a one-thousand-dollar (\$1,000) grant for tools; several products donated by 3M Company; and safety glasses for the shop. A plastic welding machine was purchased through the capital budget process.

Health Cluster

Medical Lab Assisting. The Medical Assisting Program is certified through the American Medical Technologists (AMT), which is a nationally recognized organization allowing the students to take the certification examination upon graduation. All seniors are gaining clinical experience either through the co-operative education program or through the new clinical partnership with Lahey Hospital and Medical Center in Burlington. The program continues to build its partnerships for cooperative education opportunities and has placed a number of students in a variety of medical offices. Several graduates are employed by Lahey Clinic and have received full compensation for the cost of the certification examination. The District invested capital funds in the form of electronic vital signs stations utilized in the clinical setting. Each station in the shop area has a mobile, electronic vital sign station.

Health Assisting. Health Assisting successfully certified twenty-six students via the Department of Public Health as CNA's (Certified Nursing Assistants). One hundred percent (100%) of the students successfully passed both the written and performance test. The program continues to maintain solid relationships with area nursing homes and clinical sites for student on-site practice. Partnerships include Tewksbury Hospital, Lahey Clinic, One Care Concord, and Sunny Acres Nursing Home. Students enjoy co-operative placement in area assisted living centers and long-term care facilities. The Health Assisting shop will be enhanced with two acute care stations during the next school year. This will allow the instructors to simulate acute care nurse assisting prior to attending clinical at Lahey North. The majority of graduating students are enrolled in Bachelor of Science in Nursing programs.

Dental Assisting. Dental Assisting continues to be a competitive shop for ninth grade acceptance. The recent revisions to the MA Department of Public Health requirements for registration as a Dental Assistant have resulted in strong community partnerships allowing the students to obtain two-hundred (200) hours of on-the-job training. Most of the students are attending post-secondary programs, with the intent of being dental hygienists or dentists. Seven of the current sixteen senior students are presently employed through the Cooperative Education Program. An additional radiology unit has been added to the shop area expanding this area of the curriculum. The capital budget process will result in the remodeling of the steri center, modeling it after industry standards.

Services Cluster

Culinary Arts. Culinary Arts maintains articulation agreements with Central Maine College, Lincoln Institute of Hartford, Middlesex Community College, The Culinary Institute of America and Cambridge Culinary Institute. Many seniors took advantage to the new local restaurant establishments added by the Cooperative Education Program. New owners, managers and chefs were also added to the Advisory committee. The restaurant and bakery continue to serve the public daily with continued high volume of guests providing great opportunities for the students to serve the community. The School was granted a four-hundred thousand dollar (\$400,000) Massachusetts Skills Capital Grant to renovate the Culinary Program. After many years of service in the Bakery, Gerry Perriello retired in June.

Cosmetology. The Cosmetology students participated in their first ever Beauty School Battle at Pathfinder Vocational Technical High School. Cosmetology students were successful in SkillsUSA competition by winning two Gold Medals at the District Competition and one Silver Medal at the State level. All the senior students received their State Board Cosmetology license prior to graduation. One hundred percent (100%) of the students achieved passing grades on their State Board exams and are employed at local salons through the Cooperative Education Program.

Construction Cluster

Carpentry, Plumbing, Electrical, Heating, Ventilation, Air-Conditioning & Refrigeration and Masonry and Tile Setting. The Construction Cluster's mission is to put into practice a style of learning that directly involves the learner, by actively encouraging students to create tangible products using all of their senses to maximize their learning experience. These methods provide the opportunity for students to gain both real-life experiences and mastery of competencies by working on both on- and off-campus community projects. This year's projects included the following:

- Bedford Housing Authority – Construction of a two-bay maintenance garage that will serve as a work shop area as well as a garage to store various maintenance vehicles and equipment. Construction of the garage began in March of 2017 and will be completed in early 2018. The Masonry, Carpentry and Electrical programs are involved in the construction.

- Tewksbury Habitat Build – This project consists of the remodel of an old colonial style single family dwelling. All of the load-bearing walls were relocated, the interior was torn down to bare studs to allow for new windows, doors, vinyl siding, the construction of two new porches as well all new plumbing and electrical systems. This project is scheduled to be completed in the Spring of 2018. Carpentry, Electrical and Plumbing are involved in this project.
- Tewksbury Department of Public Works – Renovation of the existing Department of Public Works office including new lobby area and counter, new office spaces and reconfiguration of existing office space. The work is being performed by students from Carpentry, Electrical and HVAC&R. Phase 2 of this project was completed in the early Spring of 2017.

Arts and Communication Cluster

Business Technology & Marketing. This department has completed its fourth year with an approved Chapter 74 Marketing program element. This has continued to be an instrumental part of the shop's student enrollment and allows the department to continue to implement new course offerings and schedules. The accounting students have moved to web-based learning which continues to augment their problem-solving skills, analytical thought processes, and understanding of executive-level business decisions while adding additional emphasis on higher level financial analyzation. The program's Microsoft Office Specialist certification testing lab continues to thrive, giving students the opportunity throughout the school year to certify in Microsoft Office 2013 applications that are industry-based, enhancing their employability skills. The Business Technology & Marketing program placed eighty-four percent (84%) of its senior class in the Cooperative Education Program for the school year. The Entrepreneurship team finish 1st in the State in the Skills USA competition, and continued into the National competition where they placed 6th in the country. Individual accomplishment in SkillsUSA had one student place 1st in District level competition in Technical Computer Applications and another place 1st in the State in Extemporaneous Speech.

Information Support Services & Networking; Programming & Web Development. This department has completed its fifth year with a Programming and Web Chapter 74 program which has seen significant growth. Eleven students participated in the Cooperative Education Program, employed by IBM, interlinkOne, Additions Network, Flir and Plumchoice. ISSN expanded its curriculum in cybersecurity with an emphasis on cybercrime being a threat to the global economy. Another new course in the Programming shop introduced programming via video gaming. Students were given professional accounts for Unity 3D and learned the interface while coding to create games. Adobe Creative Cloud software is being taught to create websites and web applications. An afterschool "Video Game Club" was created where fifteen-plus students participated each week.

Design & Visual Communications. Design & Visual Communications (DVC) once again sets itself as a leader amongst its peers and had another very productive year in 2017. The Class of 2017 continued to set the bar for college placement into 4-year Art & Design programs, nationally and internationally. Three seniors successfully completed the Drawing I dual enrollment program at Montseratt College of Art, thus enabling students to earn three (3) college

credits during their senior year of high school. Shawsheen's DVC program is the only Chapter 74 State program to participate in this type of enrollment. DVC students continue to pursue and gain certifications in Adobe Creative Cloud Programs. In the SkillsUSA Design Competition, two students received Gold medals at the state level and continued on to the National level where they finished in the top ten in the nation. DVC students continue to exhibit their work in a collegiate setting garnering many praises. Once again several students are employed through our Cooperative Education Program with nationally and internationally recognized corporations.

Graphic Communications. The Graphics program continues to have great success in the pressroom and all other facets of the program enabling them to provide services for community partnerships. Graphics continues to produce a large number of live jobs for schools, town governments, and nonprofit organizations. In keeping with outside connections, students have an excellent opportunity to experience the real-world pressures and rewards of working in a printing company. With the implementation of embroidery and variable data to the curriculum, opportunities continue to open new avenues for student cooperative education placements. In the classroom, workplace ethics have become a major focus along with the development and implementation of a social media curriculum to teach the importance of keeping yourself safe as well as keeping a professional social media presence. These items have become increasingly important in the digital age. Additionally, our senior showcase has been extremely successful. Future expansion of these lessons will include additional industry professionals to speak to our seniors and parents. In the SkillsUSA District competition, Graphics once again won a Gold Medal in the Screen Printing competition as well as a Silver in Customer Service and a Bronze in Graphic Communications; at the State level the Graphics shop won a Silver in Screen Printing as well as a Silver Medal in Graphic Sublimation.

Advance Manufacturing Cluster

Drafting. Drafting started the year with ten students participating in the cooperative education program. The senior class graduated with fifteen attending four-year colleges and three graduates attending two-year colleges. Drafting had a strong representation at the SkillsUSA State Competition, sending two students to participate in Technical Drafting, two to Architectural Drafting and two to Automated Manufacturing. Throughout the year the Drafting students supported a number of community service efforts including the Billerica Housing Authority Evacuation Plans, and various in-house construction projects. The Drafting instructors attended the annual Drafting Summit at Shawsheen for all Drafting teachers statewide, as well as participating in Tech Jam in April and Summer Tech Jam in July.

Electronics / Robotics. The Electronics program has developed new upperclass curriculum involving the integration of the related components into the project-based shop activities. Many of the new shop projects include transistors, sensors, and transducers. Robotics curriculum is also an important component in students learning trade competencies as well as bringing an exciting element to the program. Over the school year many new companies have been introduced to our craft advisory board and have employed seniors through the cooperative education program. At the end of the school year the program lost two instructors to retirement – Mr. Paul Blanchette and Mr. Carl Buskey – who have over fifty-six (56) years of experience. The Electronics' juniors received their ten hours of OSHA general-industry safety training enhancing their

employment and earning potential, while also fulfilling one of the criteria in receiving the Certificate of Occupational Proficiency.

Machine Tool Technology. The Machine Tool Technology program had a busy year restructuring curriculum and projects to accommodate the new equipment purchased by the Massachusetts Skills Capital and Life Science grants. Both grants awarded totaled over six-hundred thousand dollars during this school year, creating a high tech cutting edge learning environment with many new CNCs and milling machines. All the seniors were employed through the Cooperative Education Program. The program also supported many machining projects around the school by producing cribbage boards, chess sets as well as a number of jobs supporting the maintenance department. The teachers participated in the Tech Jam during April vacation and over the summer.

Metal Fabrication & Joining Technologies. The Metal Fabrication & Joining Technologies Shop continues to meet the requests and needs of the school district and in-house school projects. This type of live work incorporates rigorous quality of standards that are found in industry as well as providing opportunities for students to acquire a deeper knowledge through active exploration of real-world challenges and problems. Employment continues to be strong, placing one hundred percent (100%) of the seniors into the workforce through the Cooperative Education Program. The department also had a stellar year with SkillsUSA, placing in all medal categories at the State competition. The junior class received their ten hours of OSHA general-industry safety training enhancing their employment and earning potential while fulfilling one of the criteria in receiving the Certificate of Occupational Proficiency. After ten years of dedicated service, Stephen Leahy retired at the end of the school year.

Conclusion and Acknowledgement

The SVTHS Committee, staff, and students gratefully appreciate the support that they receive from the residents of the five-member District. The SVTHS family especially acknowledges the continued financial support of the local town managers, finance committees, and town meetings, who collectively ensure and perpetuate the highest quality in vocational/technical training opportunities for area youth.

The District is grateful for the significant contributions provided by SVTHS staff and employees and acknowledges the many contributions of the SVTHS staff who retired during 2017. Those retirees are: Dorothy Audette, Executive Administrative Assistant to the Principal; William Bellino, Social Studies Instructor; Paul Blanchette, Electronics Instructor; Carl Buskey, Electronics Instructor; Linda (Sandy) Clark, Administrative Assistant; Stephen Leahy, Metal Fabrication & Welding Instructor; and Elizabeth Smith, ISSN/Computer Programming Instructor.

**SHAWSHEEN VALLEY REGIONAL VOCATIONAL/
TECHNICAL SCHOOL DISTRICT**

Financial Statements
and
Independent Auditors' Report in Accordance with
Government Auditing Standards and
the Uniform Guidance
June 30, 2016

**Shawsheen Valley Regional Vocational/
Technical High School**

Contents

	<i>Page</i>
Management's Discussion and Analysis	i
Independent Auditors' Report	1
Government Wide Financial Statements:	
Statement of Net Position	4
Statement of Activities	5
Fund Financial Statements:	
Balance Sheet – Governmental Funds	7
Statement of Revenues, Expenditures and Changes in Fund Balances - Governmental Funds	8
Reconciliation of the Statement of Revenues, Expenditures, and Changes in Fund Balances – Governmental Funds	10
Statement of Net Position – Proprietary Funds	11
Statement of Revenues, Expenses and Changes in Fund Net Position - Proprietary Funds	12
Statement of Cash Flows – Proprietary Funds	13
Statement of Fiduciary Net Position – Fiduciary Funds	14
Statement of Changes in Fiduciary Net Position – Fiduciary Funds	15
Notes to Financial Statements	16
Required Supplementary Information:	
Schedule of Funding Progress for the District's Other Postemployment Benefits Plan	36
Budgetary Comparison Schedule – General Fund	38
Schedule of Expenditures of Federal Awards and Notes	41
Independent Auditors' Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with Government Auditing Standards	44
Independent Auditors' Report on Compliance for Each Major Program and on Internal Control over Compliance Required by Uniform Guidance	47
Schedule of Findings and Questioned Costs	50
Independent Auditors' Report on Compliance and Internal Control over Compliance Applicable to Massachusetts School Districts	53

Shawsheen Valley Regional Vocational/Technical School District
Management's Discussion and Analysis – *continued*
Required Supplementary Information
June 30, 2016 (Unaudited)

As management of the Shawsheen Valley Regional Vocational/Technical School District (the District), we offer readers of the District's financial statements this narrative overview and analysis of the financial activities of the District for the fiscal year ended June 30, 2016.

The District's component unit, the Shawsheen Technical Scholarship Fund, Inc. (the Scholarship Fund), is a legally separate organization whose funds are held in trust for the benefit of persons and organizations other than the District. Since these funds cannot be used for providing District services, they are reported within the fiduciary funds.

Financial Highlights – Governmental Activities

- The assets of the District exceeded its liabilities at the close of the most recent fiscal year by \$5,063,820 and \$2,273,997 for governmental activities and business-type activities, respectively. Net position invested in capital assets, net of related debt, restricted net position and unrestricted net position consisted of \$1,024,465, \$5,471,923 and \$(1,432,568) respectively, for governmental activities. Net position invested in capital, net of related debt and unrestricted consisted of \$236,032 and \$2,037,207, respectively for business-type activities.
- Total net position increased \$283,397 for governmental activities and increased \$108,912 for business-type activities.
- At the end of the current fiscal year, unassigned fund balance for the general fund was \$2,857,635.
- The Shawsheen Valley Regional Vocational/Technical School District's total debt increased by \$5,590,000 during the current year and was the result of debt retirement of \$465,000 and bond proceeds of \$6,055,000.

Overview of the Financial Statements

The discussion and analysis is intended to serve as an introduction to the District's basic financial statements. The District's basic financial statements consist of the following: 1) government-wide financial statements, 2) fund financial statements, and 3) notes to the financial statements.

Government-wide financial statements

The government-wide financial statements are designed to provide readers with a broad overview of the District's finances, in a manner similar to private-sector business.

The statement of net position presents information of all of the District's assets and liabilities, with the differences between the two reported as net position. Over time, increases or decreases in net position may serve as a useful indicator of whether the financial position of the District is improving or deteriorating.

Shawsheen Valley Regional Vocational/Technical School District
Management's Discussion and Analysis – *continued*
Required Supplementary Information
June 30, 2016 (Unaudited)

Overview of the Financial Statements – continued

The statement of activities presents information showing how the District's net position changed during the most recent fiscal year. All changes in net position are reported as soon as the underlying event giving rise of the change occurs, regardless of the timing of related cash flows.

Thus, revenues and expenses are reported in this statement for some items that will only result in cash flows in future fiscal periods.

The government-wide financial statements report the District's governmental and business-type activities. The District's activities are classified as follows:

- **Governmental Activities** – Activities reported here are educational in nature. Member assessment, charges for services, federal, state and other miscellaneous revenues finance these activities.

- **Business-type Activities** – Activities reported here are self-supporting in nature and consist of the revolving funds of the District.

Fund financial statements

A fund is a grouping of related accounts that is used to maintain control over resources that have been segregated for specific activities or objectives. The District, like other state and local governments, uses fund accounting to ensure and demonstrate compliance with finance-related legal requirements. All of the funds of the District are divided into three categories: governmental funds, proprietary funds and fiduciary funds.

Governmental funds

Government funds are used to account for essentially the same functions reported as governmental activities in the government-wide financial statements. However, unlike the government-wide financial statements, governmental fund financial statements focus on near-term inflows and outflows of spendable resources, as well as on balances of spendable resources available at the end of the fiscal year. Such information may be useful in evaluating a government's near-term financing requirements.

Because the focus of governmental funds is narrower than that of the government-wide financial statements, it is useful to compare the information presented for governmental funds with similar information presented for governmental activities in the government-wide financial statements. By doing so, readers may better understand the long-term impact of the government's near-term financing decisions. Both the governmental fund balance sheet and the governmental fund statement of revenues, expenditures, and changes in fund balances provide a reconciliation to facilitate this comparison between governmental funds and governmental activities.

Shawsheen Valley Regional Vocational/Technical School District
Management's Discussion and Analysis – *continued*
Required Supplementary Information
June 30, 2016 (Unaudited)

Overview of the Financial Statements – continued

The District maintains many individual governmental funds. The General Fund and Capital Project Fund are considered a major funds for presentation purposes. The major funds are presented in a separate column in the governmental funds balance sheet and in the governmental funds statement of revenues, expenditures and changes in fund balances. The remaining funds are aggregated and shown as non-major governmental funds.

Proprietary funds

Proprietary funds focus on the determination of operating income, changes in net position, financial position, and cash flows. These funds measure economic resources using the full accrual basis of accounting.

Enterprise funds are used to report the same functions presented as business-type activities in the government-wide financial statements. The Revolving Fund is considered a major fund for presentation purposes. The remaining fund is shown as a non-major enterprise fund.

The District's Self-Insured Health Insurance Fund, Self-Insured Unemployment Insurance Fund, OPEB Obligation Fund, and Compensated Absences Fund have been accounted for as internal service funds. The internal service funds are considered governmental activity funds of the District.

Fiduciary funds

Fiduciary funds are used to report assets held in the trustee or agency capacity for others and therefore not available to support district programs. The reporting focus is on net position and change in net position.

The District fiduciary funds are private purpose trust funds, agency funds and the District's component unit. The private purpose trust funds and the District's component unit account for resources legally held in trust for the benefit of persons and organizations other than the District. Since these funds cannot be used for providing District services, they are excluded from the District's government-wide financial statements.

The agency funds are used to hold funds on behalf of parties other than the District. Agency funds are custodial in nature and do not involve measurement of results of operations.

Notes to the financial statements

The notes provide additional information that is essential to a full understanding of the data provided in the government-wide and fund financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Management's Discussion and Analysis -- *continued*
Required Supplementary Information
June 30, 2016 (Unaudited)

Financial Analysis of the Government-Wide Financial Statements

Net Position

The comparison of net position from year to year serves to measure a government's financial position. As of June 30, 2016 assets exceeded liabilities by \$5.1 million (net position). Net position may serve over time as a useful indicator of a government's financial position. The following condensed financial information was derived from the government-wide statement of net position.

	<i>Governmental Activities</i>		<i>Business-Type Activities</i>		<i>Total Primary Government</i>	
	<i>2016</i>	<i>2015</i>	<i>2016</i>	<i>2015</i>	<i>2016</i>	<i>2015</i>
<i>Assets:</i>						
Current and other assets	\$ 18,480,193	\$ 10,142,450	\$ 2,037,965	\$ 1,897,122	\$ 20,518,158	\$ 12,039,572
Capital assets - net	<u>9,004,281</u>	<u>8,967,161</u>	<u>236,032</u>	<u>268,233</u>	<u>9,240,313</u>	<u>9,235,394</u>
Total assets	<u>27,484,474</u>	<u>19,109,611</u>	<u>2,273,997</u>	<u>2,165,355</u>	<u>29,758,471</u>	<u>21,274,966</u>
<i>Liabilities:</i>						
Other liabilities	1,693,374	493,216	758	1,028	1,694,132	494,244
Long term liabilities	<u>20,727,280</u>	<u>13,835,972</u>	<u>-</u>	<u>-</u>	<u>20,727,280</u>	<u>13,835,972</u>
Total liabilities	<u>22,420,654</u>	<u>14,329,188</u>	<u>758</u>	<u>1,028</u>	<u>22,421,412</u>	<u>14,330,216</u>
<i>Net Position:</i>						
Investment in capital assets, net of related debt	1,024,465	6,928,424	236,032	268,233	1,260,497	7,196,657
Restricted	5,471,923	4,510,290	-	-	5,471,923	4,510,290
Unrestricted	<u>(1,432,568)</u>	<u>(6,658,291)</u>	<u>2,037,207</u>	<u>1,896,094</u>	<u>604,639</u>	<u>(4,762,197)</u>
Total net position	<u>\$ 5,063,820</u>	<u>\$ 4,780,423</u>	<u>\$ 2,273,239</u>	<u>\$ 2,164,327</u>	<u>\$ 7,337,059</u>	<u>\$ 6,944,750</u>

Current and other assets consist primarily of \$19.5 million in cash and cash equivalents.

Long-term liabilities consist primarily of \$7.1 million in general obligation bonds, \$1.9 million in compensated absences, and \$11.7 million in other postemployment obligations.

Investment in capital assets (e.g. land, construction in progress, buildings and improvements, and equipment) less outstanding debt used in acquiring these assets, represents \$1.3 million of the District's total net position. Capital assets reported net of debt are used to provide services and therefore not available for future spending. Resources necessary to cover debt must be provided from other sources.

Restricted assets represent \$5.5 million of total net position and are obligated for a specific purpose. Unrestricted net position totals \$605 thousand. Unrestricted net position may be used to meet ongoing obligations of the District without restrictions.

Shawsheen Valley Regional Vocational/Technical School District
 Management's Discussion and Analysis -- *continued*
 Required Supplementary Information
 June 30, 2016 (Unaudited)

Financial Analysis of the Government-Wide Financial Statements -- continued

Changes in Net Position

The following condensed financial information was derived from the government-wide statement of activities. It compares revenue and expenses of the primary government for the current and previous fiscal year. Total revenue for the District increased by 7.6% over last year. Approximately 60% of the District's total revenue comes from town assessments and 32% from state aid. Total expenses increased 7 % over the prior year.

	<i>Governmental</i>		<i>Business-Type</i>		<i>Total</i>	
	<i>Activities</i>		<i>Activities</i>		<i>Primary Government</i>	
	<i>2016</i>	<i>2015</i>	<i>2016</i>	<i>2015</i>	<i>2016</i>	<i>2015</i>
<i>Revenues</i>						
<i>Program Revenues:</i>						
Charges for services	\$ 682,088	\$ 678,887	\$ 1,260,065	\$ 1,495,460	\$ 1,942,153	\$ 2,174,347
Operating grants	724,607	695,164	-	-	724,607	695,164
<i>General Revenues:</i>						
Town assessments	20,922,558	20,151,388	-	-	20,922,558	20,151,388
State aid	10,910,372	8,498,403	-	-	10,910,372	8,498,403
Interest	80,855	35,383	-	-	80,855	35,383
Other	29,747	611,880	-	-	29,747	611,880
Total revenue	33,350,227	30,671,105	1,260,065	1,495,460	34,610,292	32,166,565
<i>Expenses</i>						
Administration	2,458,443	2,323,804	-	-	2,458,443	2,323,804
Instruction	12,241,053	12,024,015	-	-	12,241,053	12,024,015
Other school services	1,550,279	1,465,775	-	-	1,550,279	1,465,775
Other services	-	30,860	1,078,155	1,124,645	1,078,155	1,155,505
Operation and maintenance	793,899	792,806	-	-	793,899	792,806
Fixed charges	6,228,908	5,921,668	-	-	6,228,908	5,921,668
Employee retirement	6,251,722	5,167,889	-	-	6,251,722	5,167,889
Interest	71,701	77,433	-	-	71,701	77,433
Equipment	959,754	711,713	-	-	959,754	711,713
Adult education	206,945	161,359	-	-	206,945	161,359
Summer school	6,447	19,936	-	-	6,447	19,936
Food services	458,097	414,689	-	-	458,097	414,689
Grants	710,086	699,688	-	-	710,086	699,688
Depreciation	1,129,496	1,077,604	72,998	44,912	1,202,494	1,122,516
Total expenses	33,066,830	30,889,239	1,151,153	1,169,557	34,217,983	32,058,796
Change in net position	283,397	(218,134)	108,912	325,903	392,309	107,769
Net position - beginning	4,780,423	4,998,557	2,164,327	1,838,424	6,944,750	6,836,981
Net position - ending	\$ 5,063,820	\$ 4,780,423	\$ 2,273,239	\$ 2,164,327	\$ 7,337,059	\$ 6,944,750

Shawsheen Valley Regional Vocational/Technical School District
Management's Discussion and Analysis – *continued*
Required Supplementary Information
June 30, 2016 (Unaudited)

Financial Analysis of the Government-Wide Financial Statements – continued

Revenue in the Districts governmental activities increased \$2.68 million or 8.73% over the prior year. The District's town assessments increased by \$771 thousand and state aid increased by \$2.4 million in the current year.

The cost of governmental activities increased by \$2.2 million or 7.0% over the prior year. The surplus of revenue over expenditures for the year was \$283 thousand reflecting a \$501 thousand increase over the prior year.

Net position of business-type activities increased by \$108 thousand or 5% over the prior year. Revenues of business-type activities decreased \$235 thousand or 18% over the prior year. Expenses decreased by \$18 thousand or 1.6% over the prior year.

Financial Analysis of the District's Funds

Governmental Funds

The focus of the Districts governmental funds is to provide information on the near-term inflows, outflows, and balances of spendable resources. In particular, unassigned fund balance may serve as a useful measure of a government's net resources available for spending at the end of the fiscal year.

At the end of the current fiscal year, the governmental funds reported combined ending fund balances of \$10.3 million, of which \$2.9 million constitutes unassigned fund balance, which is available for spending at the government's discretion. The governmental funds reported combined revenue of \$33.3 million, expenditures of \$32.4 million and other financing sources of \$6.4 million. Fund balance highlights are as follows:

- The General Fund reported an ending fund balance of \$4.4 million, of which \$1.6 million is assigned. The General Fund reported revenue of \$31.9 million, expenditures of \$30.4 million and other financing sources of \$359 thousand.
- The Capital Project Fund reported an ending fund balance of \$5.4 million, all of which is assigned. The Capital Project Fund reported revenue of \$2 thousand, expenditures of \$612 thousand and other financing sources of \$6 million.

Proprietary Funds

The District's proprietary funds provide the same type of information found in the government-wide financial statements but in more detail.

Shawsheen Valley Regional Vocational/Technical School District
 Management's Discussion and Analysis – *continued*
 Required Supplementary Information
 June 30, 2016 (Unaudited)

Financial Analysis of the District's Funds – continued

Proprietary Funds – continued

Fund balance highlights are:

- The Revolving Fund reported an ending net position of \$2.2 million, of which \$236 thousand is invested in capital assets. The Revolving Fund reported revenue of \$1.1 million and expenses of \$1 million.

General Fund Budgetary Highlights

The District adopts an annual expenditure budget for its General Fund. General Fund actual revenues on a budgetary basis were higher than budget by \$640 thousand due mostly to Chapter 70 state aid and pupil transportation being greater than anticipated. General fund actual expenditures on a budgetary basis were lower than budget by \$379 thousand due to numerous over and under budget accounts. A budgetary comparison schedule has been provided for the General Fund as a required supplemental schedule to the financial statements.

Capital Assets and Debt Administration

Capital Assets

The District's investment in capital assets as of June 30, 2016 is \$9.2 million which is net of accumulated depreciation of \$26.7 million. Net capital assets increased \$4 thousand over the prior year. The table below represents a summary of the District's capital assets, net of accumulated depreciation by category (in thousands):

	<i>Governmental Activities</i>		<i>Business-Type Activities</i>		<i>Total Primary Government</i>	
	<i>2016</i>	<i>2015</i>	<i>2016</i>	<i>2015</i>	<i>2016</i>	<i>2015</i>
Land	\$ 100	\$ 100	\$ -	\$ -	\$ 100	\$ 100
Construction in progress	892	-	-	-	892	-
Building and improvements	6,389	6,788	-	-	6,389	6,788
Equipment	1,623	2,080	236	268	1,859	2,348
Total	\$ 9,004	\$ 8,968	\$ 236	\$ 268	\$ 9,240	\$ 9,236

This year's major additions are \$892 thousand in construction in progress, 86 thousand in building improvements and \$188 thousand in equipment.

Shawsheen Valley Regional Vocational/Technical School District
 Management's Discussion and Analysis – *continued*
 Required Supplementary Information
 June 30, 2016 (Unaudited)

Capital Assets and Debt Administration – continued

Debt Administration

At year-end, the District had \$7.6 million in general obligation bonds versus \$2 million last year. The table below represents a summary of the District's debt (in thousands):

	<i>Governmental Activities</i>		<i>Business-Type Activities</i>		<i>Total Primary Government</i>	
	<i>2016</i>	<i>2015</i>	<i>2016</i>	<i>2015</i>	<i>2016</i>	<i>2015</i>
General obligation bonds	\$ 7,600	\$ 2,010	\$ -	\$ -	\$ 7,600	\$ 2,010

The District maintains an “AA” rating from Standard and Poor’s for general obligation debt. All member communities are considered when determining the District’s bond rating.

Economic Factors and Next Year’s Budgets and Rates

The School Committee along with Member Communities adopted a fiscal year 2017 budget in the amount of \$29.46 million. This budget is an increase of \$1.6 million over the FY 2016 budget.

Requests for Information

This financial report is designed to provide the reader with a general overview of the District’s finances and to show the accountability for the funds received. Questions concerning any of the information provided in this report or request for additional financial information should be addressed to Shawsheen Valley Regional Vocational/Technical School District, Attn: Business Manager, 100 Cook Street, Billerica, MA 01821.



DANIEL DENNIS & Co
Certified Public Accountants

Independent Auditors' Report

The School Committee
Shawsheen Valley Regional Vocational/Technical School District

Report on the Financial Statements

We have audited the accompanying financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of Shawsheen Valley Regional Vocational/Technical School District (the District) as of and for the year ended June 30, 2016 and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express opinions on these financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditors' judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the District's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinions

In our opinion, the financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of the District, as of June 30, 2016, and the respective changes in financial position, and, where applicable, cash flows thereof for the year then ended in accordance with accounting principles generally accepted in the United States of America.

Other Matters

Required Supplementary Information

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis on pages i through viii, the schedule of funding progress for the District's other postemployment benefits plan on page 36, and budgetary comparison schedule on pages 38 and 39 be presented to supplement the basic financial statements. Such information, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board, who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

Other Information

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the District's basic financial statements. The schedule of expenditures of federal awards is presented for purposes of additional analysis as required by Title 2 U.S. *Code of Federal Regulations* (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards*, and is also not a required part of the basic financial statements.

The schedule of expenditures of federal awards is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. Such information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated, in all material respects, in relation to the basic financial statements as a whole.

Other Reporting Required by *Government Auditing Standards*

In accordance with *Government Auditing Standards*, we have also issued our report dated March 23, 2017, on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.

Daniel Dennis & Company LLP

March 23, 2017

Shawsheen Valley Regional Vocational/Technical School District
Statement of Net Position
June 30, 2016

	<i>Primary Government</i>		
	<i>Governmental Activities</i>	<i>Business-type Activities</i>	<i>Total</i>
<i>Assets</i>			
Cash and cash equivalents	\$ 17,485,688	\$ 2,026,337	\$ 19,512,025
Grants receivable	26,033	11,628	37,661
Commodities inventory	9,209	-	9,209
Investments	959,263	-	959,263
Capital assets - net	9,004,281	236,032	9,240,313
Total assets	27,484,474	2,273,997	29,758,471
 <i>Liabilities and Net Position</i>			
<i>Liabilities</i>			
Accounts payable	357,021	758	357,779
Accrued interest	35,601	-	35,601
Advances	19,070	-	19,070
Claims incurred but not reported	411,682	-	411,682
Long-term liabilities:			
Bonds payable due within one year	870,000	-	870,000
Due in more than one year:			
Bonds payable	7,109,816	-	7,109,816
Compensated absences	1,942,857	-	1,942,857
Other postemployment benefit obligations	11,674,607	-	11,674,607
Total liabilities	22,420,654	758	22,421,412
 <i>Net Position</i>			
Invested in capital assets, net of related debt	1,024,465	236,032	1,260,497
Restricted by enabling legislation for:			
Health insurance	2,564,910	-	2,564,910
Unemployment insurance	663,040	-	663,040
OPEB obligations	1,367,520	-	1,367,520
Compensated absences	876,453	-	876,453
Unrestricted	(1,432,568)	2,037,207	604,639
Total net position	\$ 5,063,820	\$ 2,273,239	\$ 7,337,059

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Statement of Activities
For the Year Ended June 30, 2016

	<i>Net (Expense) Revenue and Changes in</i>				<i>Net Position</i>	
	<i>Program Revenues</i>					
	<i>Charges for</i>	<i>Operating</i>	<i>Governmental</i>	<i>Bus.-type</i>		
<i>Expenses</i>	<i>Services</i>	<i>Grants</i>	<i>Activities</i>	<i>Activities</i>	<i>Total</i>	
Governmental Activities						
School committee	\$ 150,693	\$ -	\$ -	\$ (150,693)	\$ -	\$ (150,693)
Superintendent's office	1,396,637	-	-	(1,396,637)	-	(1,396,637)
Office of director	911,113	-	-	(911,113)	-	(911,113)
Teaching	11,833,800	-	-	(11,833,800)	-	(11,833,800)
Textbook program	136,737	-	-	(136,737)	-	(136,737)
Library service	46,494	-	-	(46,494)	-	(46,494)
Audio visual	2,791	-	-	(2,791)	-	(2,791)
Guidance program	871,740	-	-	(871,740)	-	(871,740)
Ed television	93,801	-	-	(93,801)	-	(93,801)
Health services	127,430	-	-	(127,430)	-	(127,430)
Operation of school vehicles	13,763	-	-	(13,763)	-	(13,763)
Contract bus	970,165	-	-	(970,165)	-	(970,165)
Athletic program	425,817	-	-	(425,817)	-	(425,817)
Custodial	452,797	-	-	(452,797)	-	(452,797)
Heating	182,287	-	-	(182,287)	-	(182,287)
Utilities	499,576	-	-	(499,576)	-	(499,576)
Grounds	126,775	-	-	(126,775)	-	(126,775)
Building	200,564	-	-	(200,564)	-	(200,564)
Equipment repairs	703,891	-	-	(703,891)	-	(703,891)
Employee retirement program	6,251,722	-	-	(6,251,722)	-	(6,251,722)
Insurance	4,576,880	-	-	(4,576,880)	-	(4,576,880)
Acquisition of equipment	255,863	-	-	(255,863)	-	(255,863)
Student activities	252,722	-	-	(252,722)	-	(252,722)
Interest	71,701	-	-	(71,701)	-	(71,701)
Depreciation & amortization	1,129,496	-	-	(1,129,496)	-	(1,129,496)
Cafeteria	458,097	480,155	-	22,058	-	22,058
Summer school	6,447	7,441	-	994	-	994
Night school	206,945	194,492	-	(12,453)	-	(12,453)
Grants	710,086	-	724,607	14,521	-	14,521
Total governmental activities	<u>33,066,830</u>	<u>682,088</u>	<u>724,607</u>	<u>(31,660,135)</u>	<u>-</u>	<u>(31,660,135)</u>
Business-type Activities						
Pool	68,227	136,806	-	-	68,579	68,579
LPN course	356,387	442,790	-	-	86,403	86,403
Day care	161,052	115,800	-	-	(45,252)	(45,252)
Program services	492,489	564,669	-	-	72,180	72,180
Depreciation	72,998	-	-	-	(72,998)	(72,998)
Total business-type activities	<u>1,151,153</u>	<u>1,260,065</u>	<u>-</u>	<u>-</u>	<u>108,912</u>	<u>108,912</u>
Total primary government	<u>\$ 34,217,983</u>	<u>\$ 1,942,153</u>	<u>\$ 724,607</u>	<u>\$ (31,660,135)</u>	<u>\$ 108,912</u>	<u>\$ (31,551,223)</u>

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Statement of Activities -- *continued*
For the Year Ended June 30, 2016

	<i>Primary Government</i>		
	<i>Governmental</i>	<i>Business-type</i>	<i>Total</i>
	<i>Activities</i>	<i>Activities</i>	
Changes in net position			
Net (deficit) revenue	\$ (31,660,135)	\$ 108,912	\$ (31,551,223)
General revenues			
Town assessments	20,922,558	-	20,922,558
State aid	10,910,372	-	10,910,372
Interest	80,855	-	80,855
Other	29,747	-	29,747
Total general revenues	31,943,532	-	31,943,532
Change in net position	283,397	108,912	392,309
Net position - beginning of year	4,780,423	2,164,327	6,944,750
Net position - end of year	\$ 5,063,820	\$ 2,273,239	\$ 7,337,059

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Balance Sheet
Governmental Funds
June 30, 2016

	<i>General</i>	<i>Capital Project Fund</i>	<i>Non-Major Governmental Funds</i>	<i>Total</i>
<i>Assets</i>				
Cash and cash equivalents	\$ 4,722,665	\$ 5,525,978	\$ 369,846	\$ 10,618,489
Grants receivable	-	-	26,033	26,033
Inter-fund receivable	-	227,507	-	227,507
Commodities inventory	-	-	9,209	9,209
Total assets	<u>\$ 4,722,665</u>	<u>\$ 5,753,485</u>	<u>\$ 405,088</u>	<u>\$ 10,881,238</u>
<i>Liabilities and Fund Balances</i>				
<i>Liabilities:</i>				
Accounts payable	\$ 48,758	\$ 308,263	\$ -	\$ 357,021
Inter-fund payables	227,507	-	-	227,507
Advances	-	-	19,070	19,070
Total liabilities	<u>276,265</u>	<u>308,263</u>	<u>19,070</u>	<u>603,598</u>
<i>Fund Balances:</i>				
Assigned	1,588,765	5,445,222	315,916	7,349,903
Unassigned	2,857,635	-	70,102	2,927,737
Total fund balances	<u>4,446,400</u>	<u>5,445,222</u>	<u>386,018</u>	<u>10,277,640</u>
Total liabilities and fund balances	<u>\$ 4,722,665</u>	<u>\$ 5,753,485</u>	<u>\$ 405,088</u>	

Amounts reported for governmental activities in the statement of net position are different because:

Capital assets used in governmental activities are not financial resources and therefore are not reported in the funds.	9,004,281
Other postemployment benefits are not due and payable in the current period and therefore are not reported in the funds.	(11,674,607)
Bonds payable and accrued interest are not due and payable in the current period and therefore are not reported in the funds.	(8,015,417)
Internal service funds treated as governmental activity on government-wide financial statements.	<u>5,471,923</u>
Net position of governmental activities	<u>\$ 5,063,820</u>

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Statement of Revenues, Expenditures and Changes in Fund Balances
Governmental Funds
For the Year Ended June 30, 2016

	<i>General</i>	<i>Capital Project Fund</i>	<i>Other Governmental Funds</i>	<i>Total Governmental Funds</i>
<i>Revenues:</i>				
Town assessments	\$ 20,922,558	\$ -	\$ -	\$ 20,922,558
State aid	10,910,372	-	-	10,910,372
Federal and state grants	-	-	724,607	724,607
Interest	26,814	2,453	-	29,267
Tuition	-	-	201,933	201,933
Cafeteria	-	-	480,155	480,155
Other	11,162	-	-	11,162
	<u>31,870,906</u>	<u>2,453</u>	<u>1,406,695</u>	<u>33,280,054</u>
Total revenues				
<i>Expenditures:</i>				
<i>Current:</i>				
School committee	150,693	-	-	150,693
Superintendent's office	1,396,637	-	-	1,396,637
Office of the director	911,113	-	-	911,113
Teaching	11,923,635	-	-	11,923,635
Textbook program	136,737	-	-	136,737
Library service	46,494	-	-	46,494
Audio visual	2,791	-	-	2,791
Guidance program	871,740	-	-	871,740
Ed television	93,801	-	-	93,801
Health services	127,430	-	-	127,430
Operation of school vehicles	13,763	-	-	13,763
Contract bus	970,165	-	-	970,165
Athletic program	425,817	-	-	425,817
Custodial	539,085	-	-	539,085
Heating	182,287	-	-	182,287
Utilities	499,576	-	-	499,576
Grounds	126,775	-	-	126,775
Building	200,564	-	-	200,564
Equipment repairs	703,891	-	-	703,891
Acquisition of equipment	698,527	-	-	698,527
Employee retirement program	4,904,238	-	-	4,904,238
Insurance	4,678,762	-	-	4,678,762
Student activities	252,722	-	-	252,722
Cafeteria	-	-	458,097	458,097
Summer school	-	-	6,447	6,447
Night school	-	-	206,945	206,945
Grants	-	-	710,086	710,086
<i>Debt service:</i>				
Principal retirement	465,000	-	-	465,000
Interest	69,750	-	-	69,750
Capital outlay	-	612,231	-	612,231
	<u>30,391,993</u>	<u>612,231</u>	<u>1,381,575</u>	<u>32,385,799</u>
Total expenditures				
Excess of revenues over expenditures	\$ 1,478,913	\$ (609,778)	\$ 25,120	\$ 894,255

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Statement of Revenues, Expenditures and Changes in Fund Balances – continued
Governmental Funds
For the Year Ended June 30, 2016

	<i>General</i>	<i>Capital Project Fund</i>	<i>Other Governmental Funds</i>	<i>Total Governmental Funds</i>
<i>Other Financing Sources</i>				
Bond proceeds	\$ -	\$ 6,055,000	\$ -	\$ 6,055,000
Bond premium	<u>359,090</u>	<u>-</u>	<u>-</u>	<u>359,090</u>
Total other financing sources	<u>359,090</u>	<u>6,055,000</u>	<u>-</u>	<u>6,414,090</u>
Net changes in fund balances	1,838,003	5,445,222	25,120	7,308,345
Fund balance - beginning	<u>2,608,397</u>	<u>-</u>	<u>360,898</u>	<u>2,969,295</u>
Fund balance - ending	<u>\$ 4,446,400</u>	<u>\$ 5,445,222</u>	<u>\$ 386,018</u>	<u>\$ 10,277,640</u>

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Reconciliation of the Statement of Revenues, Expenditures,
and Changes in Fund Balances of Governmental Funds
to the Statement of Activities
For the Year Ended June 30, 2016

Net change in fund balances - total governmental funds \$ 7,308,345

Amounts reported for governmental activities in the statement of activities are different because:

Governmental funds report capital outlays as expenditures. However, in the statement of activities, assets with an initial, individual cost of more than \$5,000 are capitalized and the cost is allocated over their estimated useful lives and reported as depreciation expense. This is the amount by which capital outlays exceeded depreciation in the current period.

Capital outlays	1,141,183	
Capitalized interest	25,433	
Depreciation expense	<u>(1,129,496)</u>	37,120

The governmental funds report bond proceeds as an other financing source, while repayment of bond principal is reported as an expenditure. Also, governmental funds report the effect of premiums when debt is first issued, whereas these amounts are deferred and amortized in the statement of activities. Interest is recognized as an expenditure in the governmental funds when it is due. In the statement of activities, interest expense is recognized as it accrues, regardless of when it is due. The net effect of these differences in the treatment of general obligation bonds and related items is as follows:

General obligation bond proceeds	(6,055,000)	
Bond premium	(359,090)	
Repayment of bond principal	465,000	
Interest expense - general obligation bonds	(35,601)	
Amortization of bond premium	<u>8,217</u>	(5,976,474)

Some revenue reported in the statement of revenue, expenditures and changes in fund balances were reported in the statement of activities in the prior year.

Other		18,585
-------	--	--------

Certain liabilities are not funded through the use of current financial resources and, therefore, are not reported in the governmental fund financial statements. However, these liabilities are reported in the government-wide financial statements. The net change in these liabilities is reflected as an expense in the statement of activities. Net changes in liabilities are as follows:

Net change in OPEB obligation		(1,657,564)
-------------------------------	--	-------------

Internal service funds are used by the District to charge costs of health insurance, unemployment insurance, and compensated absences to individual funds. The net revenue of the internal service funds is reported with governmental activities.

		<u>553,385</u>
Change in net position of governmental activities		<u>\$ 283,397</u>

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Statement of Net Position
Proprietary Funds
June 30, 2016

	<i>Business-Type Activities</i>			<i>Governmental Activities</i>
	<i>Revolving Fund</i>	<i>Non-Major Enterprise Fund</i>	<i>Total</i>	<i>Internal Service Funds</i>
Assets				
<i>Current assets:</i>				
Cash and cash equivalents	\$ 1,913,917	\$ 112,420	\$ 2,026,337	\$ 6,867,199
Grant receivable	11,628	-	11,628	-
<i>Investments at fair value:</i>				
Stock mutual funds	-	-	-	959,263
<i>Non-current assets:</i>				
Capital assets - net	<u>236,032</u>	<u>-</u>	<u>236,032</u>	<u>-</u>
Total assets	<u>2,161,577</u>	<u>112,420</u>	<u>2,273,997</u>	<u>7,826,462</u>
Liabilities and Net Position				
<i>Current liabilities:</i>				
Accounts payable	758	-	758	-
Claims incurred but not reported	-	-	-	411,682
Compensated absences	<u>-</u>	<u>-</u>	<u>-</u>	<u>1,942,857</u>
Total liabilities	<u>758</u>	<u>-</u>	<u>758</u>	<u>2,354,539</u>
<i>Net Position:</i>				
Invested in capital assets	236,032	-	236,032	-
Restricted:				
Expendable for:				
Health insurance	-	-	-	2,564,910
Unemployment insurance	-	-	-	663,040
OPEB obligations	-	-	-	1,367,520
Compensated absences	-	-	-	876,453
Unrestricted	<u>1,924,787</u>	<u>112,420</u>	<u>2,037,207</u>	<u>-</u>
Total net position	<u>\$ 2,160,819</u>	<u>\$ 112,420</u>	<u>\$ 2,273,239</u>	<u>\$ 5,471,923</u>

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Statement of Revenues, Expenses and Changes in Net Position
Proprietary Funds
For the Year Ended June 30, 2016

	<i>Business-Type</i>			<i>Governmental</i>
	<i>Activities</i>			<i>Activities</i>
	<i>Revolving</i>	<i>Non-Major</i>	<i>Total</i>	<i>Internal</i>
<i>Fund</i>	<i>Enterprise</i>	<i>Service</i>		
		<i>Fund</i>		<i>Funds</i>
<i>Operating Revenue</i>				
Pool revenue	\$ 136,806	\$ -	\$ 136,806	\$ -
LPN course revenue	442,790	-	442,790	-
Day care revenue	-	115,800	115,800	-
Other program revenue	564,669	-	564,669	-
Net realized/unrealized loss	-	-	-	(106)
OPEB funding	-	-	-	315,000
Compensated absence funding	-	-	-	252,500
Health insurance funding	-	-	-	157,176
Unemployment trust funding	-	-	-	100,000
Insurance premiums	-	-	-	3,293,445
Interest	-	-	-	51,588
Total revenue	<u>1,144,265</u>	<u>115,800</u>	<u>1,260,065</u>	<u>4,169,603</u>
<i>Operating Expenses</i>				
Pool expenses	68,227	-	68,227	-
LPN course expenses	356,387	-	356,387	-
Day care expenses	-	161,052	161,052	-
Other program expenses	492,489	-	492,489	-
Insurance claims	-	-	-	3,448,739
Compensated absences	-	-	-	162,665
Investment expense	-	-	-	4,814
Depreciation	72,306	692	72,998	-
Total expenses	<u>989,409</u>	<u>161,744</u>	<u>1,151,153</u>	<u>3,616,218</u>
Changes in net position	<u>154,856</u>	<u>(45,944)</u>	<u>108,912</u>	<u>553,385</u>
Net position - beginning	<u>2,005,963</u>	<u>158,364</u>	<u>2,164,327</u>	<u>4,918,538</u>
Net position - ending	<u>\$ 2,160,819</u>	<u>\$ 112,420</u>	<u>\$ 2,273,239</u>	<u>\$ 5,471,923</u>

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Statement of Cash Flows
Proprietary Funds
For the Year Ended June 30, 2016

	<i>Business-Type Activities</i>			<i>Governmental Activities</i>
	<i>Revolving Fund</i>	<i>Non-Major Enterprise Fund</i>	<i>Total</i>	<i>Internal Service Funds</i>
<i>Cash Flows From Operating Activities:</i>				
Receipts from customers	\$ 1,178,976	\$ 115,800	\$ 1,294,776	\$ -
Receipts from interfund services	-	-	-	4,118,121
Receipts from operating bank interest	-	-	-	51,588
Payments to employees for services	(371,792)	(151,155)	(522,947)	-
Payments to suppliers	(545,311)	(9,897)	(555,208)	(4,814)
Payments for interfund services	-	-	-	(3,448,739)
Net cash provided by/(used in) operating activities	<u>261,873</u>	<u>(45,252)</u>	<u>216,621</u>	<u>716,156</u>
<i>Cash Flows From Investing Activities:</i>				
Purchase of investments	-	-	-	(333,656)
Net cash used in investing activities	<u>-</u>	<u>-</u>	<u>-</u>	<u>(333,656)</u>
<i>Cash Flows From Capital and Related Financing Activities:</i>				
Purchases of capital assets	(40,797)	-	(40,797)	-
Net cash used in capital and related financing activities	<u>(40,797)</u>	<u>-</u>	<u>(40,797)</u>	<u>-</u>
Change in cash	221,076	(45,252)	175,824	382,500
Cash and cash equivalents at beginning of year	<u>1,692,841</u>	<u>157,672</u>	<u>1,850,513</u>	<u>6,484,699</u>
Cash and cash equivalents at end of year	<u>\$ 1,913,917</u>	<u>\$ 112,420</u>	<u>\$ 2,026,337</u>	<u>\$ 6,867,199</u>
<i>Reconciliation of Operating Income to Net Cash Provided by Operating Activities:</i>				
Changes in position:	\$ 154,856	\$ (45,944)	\$ 108,912	\$ 553,385
<i>Adjustments to reconcile changes in net position to net cash provided by/(used in) operating activities:</i>				
Depreciation expense	72,306	692	72,998	-
Net realized/unrealized loss	-	-	-	106
<i>Decrease in operating assets:</i>				
Grants receivable	34,711	-	34,711	-
<i>Increase in operating liabilities:</i>				
Compensated absences	-	-	-	162,665
Net cash provided by/(used in) operating activities	<u>\$ 261,873</u>	<u>\$ (45,252)</u>	<u>\$ 216,621</u>	<u>\$ 716,156</u>

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Statement of Fiduciary Net Position
Fiduciary Funds
June 30, 2016

	<i>Component Unit</i>	<i>Agency Funds</i>
<i>Assets:</i>		
Cash and cash equivalents	\$ 40,238	\$ 98,005
Investments at fair value		
Bonds	146,806	-
Stock mutual funds	197,667	-
Total investments	344,473	-
Accounts receivable	-	45,150
Total assets	384,711	\$ 143,155
<i>Liabilities:</i>		
Accounts payable	280	17,850
Interfund transfer	-	-
Fiduciary liabilities	-	125,305
Total liabilities	280	\$ 143,155
<i>Net Position:</i>		
Restricted	294,616	
Total net position	\$ 294,616	

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Statement of Changes in Fiduciary Net Position
Fiduciary Funds
For the Year Ended June 30, 2016

	<i>Component Unit</i>
<i>Additions:</i>	
Contributions	\$ 81,814
Investment earnings	
Interest and dividends	<u>(6,251)</u>
Net investment earnings	<u>(6,251)</u>
Total investment earnings	<u>75,563</u>
<i>Deductions:</i>	
Scholarships	65,202
Fundraising expense	<u>27,692</u>
Total deductions	<u>92,894</u>
Change in net position	<u>(17,331)</u>
Net position - beginning	<u>311,947</u>
Net position - ending	<u><u>\$ 294,616</u></u>

See accompanying notes to financial statements.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements
June 30, 2016

1. *Organization and Summary of Significant Accounting Policies*

Primary Government

Shawsheen Valley Regional Vocational/Technical School District (the District) is a four year public regional vocational high school located in Billerica, Massachusetts. The District serves the five towns of Billerica, Bedford, Burlington, Tewksbury, and Wilmington. The District established in 1964 by the towns through an agreement entered into pursuant to the General Laws of Massachusetts.

The accompanying financial statements are presented in conformity with accounting principles generally accepted in the United States of America for governmental units as prescribed by the *Governmental Accounting Standards Board (GASB)* and other authoritative sources.

Reporting Entity

As required by accounting principles generally accepted in the United States of America (GAAP) and in accordance with GASB, the accompanying financial statements include all operations over which the District is financially accountable and also the activities of its component unit, the Shawsheen Technical Scholarship Fund, Inc. (the Scholarship Fund). Additionally, the District is not a participant in any joint venture.

The Scholarship Fund is a legally separate, tax-exempt organization that is operated exclusively to raise money for the purpose of funding educational endeavors, inclusive of scholarships, for the graduates of the District. The Scholarship Fund is exempt from Federal income taxes under Section 501(c)(3) of the Internal Revenue Code. Because these restricted resources can only be used by or for the benefit of the District's students and the funds cannot be used for providing District services, the Scholarship Fund is considered a component unit of the District whose activity is fiduciary in nature.

Component units are legally separate organizations for which the board is financially accountable for or other organizations whose nature and significant relationship with the District are such that exclusion would cause the combining financial statements to be misleading or incomplete. The District is financially accountable if it appoints a majority of the Scholarship Fund's board and (1) is able to impose its will on the Scholarship Fund, or (2) there is a potential to provide specific financial benefit or to impose a burden on the District.

The Scholarship Fund was evaluated and is reported as a component unit. The component unit, although a legally separate entity, is in substance part of the District's operations and so the financial data is reported within the Fiduciary Fund statements.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

I. *Organization and Summary of Significant Accounting Policies – continued*

Reporting Entity – continued

The Scholarship Fund is a non-profit organization that reports under Financial Accounting Standards Board (FASB) accounting standards, including *Accounting Standards Codification 958 (ASC 958)*, *Financial Reporting for Non-Profit Organizations*. As such, certain revenue recognition criteria and financial presentation features are different from GASB revenue recognition and financial presentation features. No modifications have been made to the Scholarship Fund's financial information in the District's reporting entity for those differences.

Basis of Accounting/Measurement Focus

The accounts of the District are organized on the basis of funds, each of which is considered a separate accounting entity. The operations of each fund are accounted for with a separate set of self-balancing accounts that comprise its assets, liabilities, fund equity, revenues, and expenditures or expenses, as appropriate. Governmental resources are allocated to and accounted for in individual funds based upon the purposes for which they are to be spent and the means by which spending activities are controlled.

Government-Wide Financial Statements

The District government-wide financial statements include a statement of net position and a statement of activities. These statements present summaries of governmental and business-type activities for the District accompanied by a total column. Fiduciary activities of the District are not included in these statements.

These statements are presented on an "economic resources" measurement focus and the accrual basis of accounting. Accordingly, all of the District's assets and liabilities, including capital assets and long-term liabilities, are included in the accompanying statement of net position. The statement of activities presents changes in net position. Under the accrual basis of accounting, revenues are recognized in the period in which they are earned while expenses are recognized in the period in which the liability is incurred. The types of transactions reported as program revenues for the District are reported in two categories: charges for services and operating grants.

Certain eliminations have been made as prescribed by GASB Statement No. 34 in regards to interfund activities, payables and receivables. All internal balances in the statement of net position have been eliminated except those representing balances between the governmental activities and the business-type activities, which are presented as internal balances and eliminated in the total primary government column. In the statement of activities, internal service fund transactions have been eliminated; however, those transactions between governmental and business-type activities have not been eliminated.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

I. *Organization and Summary of Significant Accounting Policies – continued*

Basis of Accounting/Measurement Focus – continued

Government-Wide Financial Statements – continued

The District applies all applicable GASB pronouncements as well as the following pronouncements issued on or before November 30, 1989, unless those pronouncements conflict with or contradict GASB pronouncements: Financial Accounting Standards Board (FASB) Statements and Interpretations, Accounting Principles Board (APB) Opinions, and Accounting Research Bulletins (ARB) of the Committee on Accounting Procedure. In addition, the District applies all applicable FASB Statements and Interpretations issued after November 30, 1989, except those that conflict with or contradict GASB pronouncements to its business-type activities.

Fund Financial Statements

Financial statements of the District are organized into funds, each of which is considered to be a separate accounting entity. Each fund is accounted for by providing a separate set of self-balancing accounts that constitute its assets, liabilities, fund equity, revenues, and expenditures. The District's funds are organized into three major categories: governmental, proprietary and fiduciary. An emphasis is placed on major funds within the governmental category and enterprise subcategory of the proprietary category. A fund is considered major if it is the primary operating fund of the District or meets the following criteria:

- Total assets, liabilities, revenues, or expenditures of that individual fund are at least 10 percent of the corresponding total for all funds of that category and;
- Total assets, liabilities, revenues, or expenditures of the individual fund are at least 5 percent of the corresponding total for all governmental and enterprise funds combined.

The District has the following major funds:

- General Fund – the principal operating fund of the District. It is used to account for and report all financial resources not accounted for and reported in another fund.
- Capital Project Fund – used to account for and report financial resources that are restricted, committed, or assigned to be used for the acquisition, construction or renovation of major capital facilities or equipment.
- Revolving Fund– used to account for and report financial resources that are generated from the District's business-type activities.

The District also has the following non-major funds:

- Non-major Governmental Funds – are the Grant Funds, Cafeteria Fund, Summer School Fund and Night School Fund, which are used to account for and report the proceeds of financial resources that are restricted, committed, or assigned to expenditure for the specific purposes of the individual funds.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

1. ***Organization and Summary of Significant Accounting Policies – continued***

Basis of Accounting/Measurement Focus – continued

Fund Financial Statements – continued

- Non-major Enterprise Fund – is the Daycare Fund, which is used to account for and report the proceeds of financial resources that are generated from the District’s daycare services.
- Internal Service Funds – used to account for financing of goods or services provided by an activity to other funds of the District. The District accounts for its health insurance, unemployment insurance other postemployment benefits obligation funding and compensated absences in the internal service funds.
- Fiduciary Fund Types – Private Purpose Trust Funds, Agency Funds and the Component Unit, which are used to account for and report assets held by the District as an agent for individuals, private organizations, and other governments.

Governmental Fund Financial Statements

Governmental fund financial statements include a balance sheet and a statement of revenues, expenditures and changes in fund balances for all major governmental funds and non-major funds aggregated. An accompanying schedule is presented to reconcile and explain the differences in fund balances and changes in fund balances as presented in these statements to the net position and changes in net position presented in the government-wide financial statements. The District reports the general fund as a major governmental fund. The general operating fund of the District is used to account for all financial resources except those that are required to be accounted for in another fund.

All governmental funds are accounted for on a spending or “current financial resources” measurement focus and the modified accrual basis of accounting. Accordingly, only current assets and current liabilities are included on the balance sheet. The statement of revenues, expenditures and changes in fund balances present increases (revenues and other financing sources) and decreases (expenditures and other financing uses) in net fund balance. Under the modified accrual basis of accounting, revenues are recognized in the accounting period in which they become both measurable and available to finance expenditures of the current period. Revenue is considered available when collectable within the current period or soon enough thereafter to pay liabilities of the current period. Expenditures are recorded when the related fund liability is incurred, except general obligation bond principal and interest which are reported as expenditures in the year due, and post-employment health care benefits, which are recognized when the obligations are expected to be liquidated with current expendable available resources.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

1. *Organization and Summary of Significant Accounting Policies – continued*

Basis of Accounting/Measurement Focus – continued

Proprietary Fund Financial Statements

Proprietary fund financial statements include a statement of net position, a statement of revenues, expenses and changes in net position, and a statement of cash flows for each major proprietary fund and non-major funds aggregated. A column representing internal service funds is also presented in these statements. However, internal service balances and activities have been combined with the governmental activities in the government-wide financial statements.

Proprietary funds are accounted for using the “economic resources” measurement focus and the accrual basis of accounting. Accordingly, all assets and liabilities (whether current or noncurrent) are included on the statement of net position. The statement of revenues, expenses and changes in net position presents increases (revenues) and decreases (expenses) in total net position. Under the accrual basis of accounting, revenues are recognized in the period in which they are earned while expenses are recognized in the period in which the liability is incurred.

Operating revenues in the proprietary funds are those revenues that are generated from the primary operations of the fund. All other revenues are reported as non-operating revenues. Operating expenses are those expenses that are essential to the primary operations of the fund. All other expenses are reported as non-operating expenses. At June 30, 2016, the District did not have any non operating revenue and expenses.

Fiduciary Fund Financial Statements

Fiduciary funds are used to account for resources held for the benefit of parties outside the government. The District’s Trust Funds activities are reported in a separate statement of fiduciary net position and a statement of changes in fiduciary net position. The District uses Agency Funds to account for assets held for others, which are custodial in nature (assets equal liabilities) and do not involve measurement of results of operations. Accordingly, they present only a statement of fiduciary net position and do not present a statement of changes in fiduciary net position. Fiduciary funds are not reflected in the government-wide financial statements because the resources of those funds are not available to support the District’s own programs. Fiduciary funds are accounted for on an “economic resources” measurement focus and the accrual basis of accounting as are the proprietary funds explained above.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

1. ***Organization and Summary of Significant Accounting Policies – continued***

Fund Balance Classification

The District has adopted GASB Statement No. 54, *Fund Balance Reporting and Governmental Fund Type Definitions*, which redefined how fund balances of the governmental funds are presented in the financial statements. The governmental fund financial statements present fund balances based on classifications that comprise a hierarchy that is based primarily on the extent to which the District is bound to honor constraints on the specific purposes for which amounts in the respective governmental funds can be spent.

The classifications used in the governmental fund financial statements are as follows:

- **Nonspendable:** amounts that cannot be spent either because they are in nonspendable form or because they are legally or contractually required to be maintained intact. At June 30, 2016, the District did not have any nonspendable fund balances.
- **Restricted:** amounts that can be spent only for specific purposes because of constitutional provisions or enabling legislation or because of constraints that are externally imposed by creditors, grantors, contributors, or the laws or regulations of other governments. At June 30, 2016, the District did not have any restricted fund balances.
- **Committed:** amounts that can be used only for specific purposes determined by a formal action of the School Committee. The School Committee is the highest level of decision-making authority for the District. Commitments may be established, modified, or rescinded only through ordinances or resolutions approved by the School Committee. At June 30, 2016, the District did not have any committed fund balances.
- **Assigned:** amounts that do not meet the criteria to be classified as restricted or committed but that are intended to be used for specific purposes. Under the District's adopted policy, only the School Committee or individuals authorized by the School Committee may assign amounts for specific purposes.
- **Unassigned:** all other spendable amounts.

The District would typically use restricted fund balances first, followed by committed resources, and then assigned resources, as appropriate opportunities arise, but reserves the right to selectively spend unassigned resources first to defer the use of these other classified funds.

Cash Equivalents

The District considers all highly liquid investments, with a maturity of three months or less when purchased, to be cash equivalents.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

1. Organization and Summary of Significant Accounting Policies – continued

Interfund Transfers

Permanent reallocation of resources between funds of the reporting entity are classified as interfund transfers. For the purpose of the statement of activities, all interfund transfers between individual governmental funds have been eliminated.

Inter-fund Receivables and Payables

During the course of operations, numerous transactions occur between individual funds that may result in amounts owed between funds. Those related to goods and services type transactions are classified as “due to and from other funds”. Short-term inter-fund loans are reported as “inter-fund receivables and payables”. Inter-fund receivables and payables between funds within governmental activities are eliminated in the Statement of Net Position.

Capital Assets

Acquisitions of property, plant, and equipment in excess of \$5,000 and having an estimated useful life of more than one year are stated in the government wide financial statements on the basis of estimated historical cost for items purchased prior to and at historical cost subsequent to June 30, 1992. Gifts or contributions of capital assets are recorded at fair market value when received. Capital assets are depreciated using the straight-line method over their estimated useful lives as follows:

Buildings	40 years
Improvements	20 years
Equipment	5 years

The District capitalizes all construction and interest costs incurred as construction in process.

Inventories

Inventories are valued at cost which approximates market, using the first-in/first-out (FIFO) method. The costs of inventories are recorded as expenditures when used (consumption method).

Shawsheen Valley Regional Vocational/Technical School District
 Notes to Financial Statements – *continued*
 June 30, 2016

I. *Organization and Summary of Significant Accounting Policies – continued*

Long-Term Liabilities

Long-term debt and other long-term liabilities are reported as liabilities in the proprietary fund statements and the government-wide statements (either governmental activities or business-type activities, as applicable). Bond premiums and discounts are deferred and amortized over the life of the bonds in the government-wide financial statements. Bond premiums and discounts are amortized using the effective interest method. Bonds payable are reported net of the applicable premiums and discounts.

In the governmental fund financial statements, bond premiums, discounts and issuance costs are recognized during the current period. The face amount of debt issued and any premiums received are reported as other financing sources, while discounts are reported as other financing uses. Issuance costs are reported as debt service expenditures.

Compensated Absences

District employees are granted vacation and sick leave in varying amounts. In the event of termination, an employee is reimbursed for one-third of their sick leave accumulated since the 1975-1976 school year at the annual base salary of the final year of employment as follows:

<i>Position</i>	<i>Length of Service</i>	<i>Condition of Termination</i>
Teacher	Greater than 20 years	All terminations
Teacher	10 to 20 years	All terminations except disciplinary
Administrative	Any	All terminations except disciplinary
Clerical	Any	All terminations except disciplinary
Cafeteria	Any	All terminations except disciplinary

Teacher's sick leave buy back is based on one-third of the lesser of accumulated sick days or the maximum accrual of 180 days.

Town Assessments

Budgeted costs incurred in the general fund of the District are funded by state aid and town assessments. The District calculates the total town assessments by subtracting the estimated receipts of the state from the total operational budget of the general fund. The town assessments are then apportioned according to the minimum assessments determined by the Department of Elementary and Secondary Education and by regional agreements. Town assessments amounted to 66% of the District's general revenue as reported on the government-wide financial statements for the year ended June 30, 2016.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

1. *Organization and Summary of Significant Accounting Policies – continued*

Fair Value of Investments

Investments are presented at fair value, except for short-term investments. Short-term investments are carried at cost, which approximates fair value. Securities traded on a national or international exchange are valued at the last reported sales price at current exchange rates. Other investments not having an established market are recorded at estimated fair value.

Estimates and Assumptions

The presentation of financial statements in conformity with generally accepted accounting principles requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingent assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the reporting period. Actual results could differ from those estimates.

2. *Deposits with Financial Institutions*

The District maintains its cash and cash equivalent accounts at several financial institutions. At June 30, 2016, the reported amount of the District's deposits was \$17,485,688 and the bank balance was \$20,265,696. Of the bank balance, \$250,000 was covered by federal depository insurance, \$6,846,570 was covered by collateral held by the pledging bank in the District's name, and \$13,169,126 was uninsured and uncollateralized. \$13,169,126 of the uninsured and uncollateralized balance was deposited in Massachusetts Municipal Depository Trust accounts.

3. *Long-Term Debt*

On August 1, 2008, the District issued \$2,340,000 in General Obligation Bonds due in annual principal installments of \$260,000 through August 1, 2017. The bonds carry annual interest rates that vary between 3.25% and 4% over the bonds' life. Interest expense was \$21,682 for fiscal year 2016.

On December 15, 2010, the District issued \$2,050,000 in General Obligation Bonds due in annual principal installments of \$205,000 through December 15, 2020. The bonds carry annual interest rates that vary between 3% and 4% over the bonds' life. Interest cost was \$40,580 for fiscal year 2016. Additionally, the bonds were issued at a premium of \$68,915 of which \$8,350 was amortized as interest expense during 2016. At December 31, 2016, accumulated amortization was \$20,726.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

3. *Long-Term Debt – continued*

On May 5, 2016, the District issued \$6,055,000 in General Obligation Bonds due in annual principal installments of \$405,000 through June 30, 2027 and thereafter \$400,000 through the maturity date of June 30, 2031. The bonds are to fund the athletic field project. The bonds carry annual interest rates that vary between 2% and 4% over the bonds' life. Interest cost was \$25,425, which was capitalized for fiscal year 2016. Additionally, the bonds were issued at a premium of \$359,090 which will be amortized over the life of the bond.

As of June 30, 2016, debt service requirements are as follows:

<i>Year Ending June 30,</i>	<i>Principal</i>	<i>Interest</i>
2017	\$ 870,000	\$ 209,892
2018	870,000	192,450
2019	610,000	166,900
2020	610,000	142,500
2021	610,000	118,100
Thereafter	<u>4,030,000</u>	<u>476,400</u>
Totals payments	\$ 7,600,000	<u>\$ 1,306,242</u>
Unamortized		
bond premium	<u>379,816</u>	
Total	<u>\$ 7,979,816</u>	

Long-term liability activity for the year ended June 30, 2016 was as follows:

	<i>Beginning Balance</i>	<i>Proceeds</i>	<i>Retirements</i>	<i>Ending Balance</i>
General obligation debt	<u>\$ 2,010,000</u>	<u>\$ 6,055,000</u>	<u>\$ (465,000)</u>	<u>\$ 7,600,000</u>

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

4. **Capital Assets**

Capital asset activity for the year ended June 30, 2016 was as follows:

	<i>Beginning Balance</i>	<i>Additions</i>	<i>Retirements</i>	<i>Ending Balance</i>
Governmental Activities:				
Non-depreciable assets:				
Land	\$ 100,000	\$ -	\$ -	\$ 100,000
Construction in progress	<u>-</u>	<u>892,353</u>	<u>-</u>	<u>892,353</u>
Total non-depreciable assets	<u>100,000</u>	<u>892,353</u>	<u>-</u>	<u>992,353</u>
Depreciable assets:				
Buildings and improvements	22,902,301	86,288	-	22,988,589
Equipment	<u>11,315,676</u>	<u>187,975</u>	<u>-</u>	<u>11,503,651</u>
Total depreciable assets	<u>34,217,977</u>	<u>274,263</u>	<u>-</u>	<u>34,492,240</u>
Less accumulated depreciation				
Buildings and improvements	(16,114,492)	(485,400)	-	(16,599,892)
Equipment	<u>(9,236,324)</u>	<u>(644,096)</u>	<u>-</u>	<u>(9,880,420)</u>
Total accumulated depreciation	<u>(25,350,816)</u>	<u>(1,129,496)</u>	<u>-</u>	<u>(26,480,312)</u>
Depreciable assets, net	<u>8,867,161</u>	<u>(855,233)</u>	<u>-</u>	<u>8,011,928</u>
Governmental activities capital assets, net	<u>\$ 8,967,161</u>	<u>\$ 37,120</u>	<u>\$ -</u>	<u>\$ 9,004,281</u>
Business-Type Activities:				
Depreciable assets:				
Equipment	\$ 431,144	\$ 40,797	\$ -	\$ 471,941
Less accumulated depreciation				
Equipment	<u>(162,911)</u>	<u>(72,998)</u>	<u>-</u>	<u>(235,909)</u>
Business-type activities capital assets, net	<u>\$ 268,233</u>	<u>\$ (32,201)</u>	<u>\$ -</u>	<u>\$ 236,032</u>

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016.

5. ***Retirement Plans***

Massachusetts Teachers' Retirement System

The Commonwealth of Massachusetts provides for retirement benefits to the District's eligible teachers through the Massachusetts Teachers' Retirement System (the MTRS), a contributory retirement system administered by the Massachusetts Teachers' Retirement Board. The MTRS is governed by Massachusetts General Laws (M.G.L.), Chapter 32, as well as regulations contained in the Code of Massachusetts Regulations (CMR). Oversight is provided by a seven member board. The MTRS issues a publicly available annual report that includes financial statements and required supplementary information, which may be obtained by writing to Public Employee Retirement Administration Commission (PERAC), 5 Middlesex Avenue, Suite 304, Somerville, Massachusetts, 02145.

This retirement plan requires an employee contribution of five, seven, eight, or eleven percent (depending on the plan and the employment date) of the employee's compensation. The School is not assessed under this plan. This retirement system is a contributory defined benefit plan covering all the employees deemed eligible. Members of the plan become vested after 10 years of creditable service. A retirement allowance may be received upon reaching age 55 and upon attaining 20 years of service.

The plan also provides for retirement at age 55 if the participant (1) has a record of 10 years of creditable service, (2) was first employed by the School after January 1, 1978, (3) voluntarily left School employment on or after that date, and (4) left an accumulated annuity deduction in the fund.

As noted above, the District does not contribute to the MTRS. Contributions to the MTRS are made by the Commonwealth of Massachusetts on behalf of the District. In accordance with GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*, the District is required to recognize its proportional share of pension revenue and expense, as reported by MTRS, as on behalf payments in the financial statements. Accordingly, \$3,387,932 of pension benefits paid by the Commonwealth of Massachusetts on behalf of the District is included in the general fund revenue and expenditures. These on-behalf payments are not part of the budget and therefore, are not included in the accompanying budgetary comparison schedule.

Additionally, the MTRS retirement plan, under GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*, is required by statute to determine the new pension liability for all participants. The net pension liability for the retirement plan at the June 30, 2015 measurement date was determined by an actuarial valuation prepared as of January 1, 2015 rolled forward to June 30, 2015. The District's share of the MTRS net pension liability is \$41,770,157.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

5. ***Retirement Plans – continued***

Middlesex Retirement System

Middlesex County provides for retirement benefits to the District's eligible employees, other than teachers, through the Middlesex Retirement System (The MRS), a cost-sharing multiple-employer defined benefit pension plan administered by the Middlesex Retirement Board. The MRS is governed by M.G.L., Chapter 32, as well as regulations contained in the Code of Massachusetts Regulations (CMR). Oversight is provided by a five member board. The MRS issues a publicly available annual report that includes financial statements and required supplementary information, which may be obtained by writing to Public Employee Retirement Administration Commission (PERAC), 5 Middlesex Avenue, Suite 304, Somerville, Massachusetts, 02145.

The MRS requires an employee contribution of five, seven, eight, or nine percent (depending on the plan and the employment date) of the employee's compensation. Employees joining the MRS after January 1, 1979 must contribute an additional two percent on compensation earned in excess of \$30,000 to the MRS. This retirement system is a contributory defined benefit plan covering all the employees deemed eligible. Members of the plan become vested after 10 years of creditable service. A retirement allowance may be received upon reaching age 55 and upon attaining 20 years of service.

The District is required to contribute to the MRS at an actuarially determined rate. The District's current year contribution is \$520,323 representing 0.52% of the system-wide employer assessments. The contribution requirements of plan members and the District are established and may be amended by M.G.L. The District's contributions to the MRS for the years ending June 30, 2016 and 2015 were \$520,323 and \$448,563, respectively, which were equal to the required contributions for each year.

Additionally, the MRS retirement plan, under GASB Statement No. 68, *Accounting and Financial Reporting for Pensions*, is required by statute to determine the new pension liability for all participants. The net pension liability for the retirement plan at the December 31, 2015 measurement date was determined by an actuarial valuation prepared as of January 1, 2015. The District's share of the MRS net pension liability is \$7,364,846.

6. ***Postemployment Benefits Other than Pension Benefits***

Plan Description

Under collective bargaining agreements, the District administers a single employer defined benefit plan which provides medical, dental, and life insurance plans benefits to eligible retirees and their beneficiaries of the District. The plan has 164 retirees receiving benefits and has a total of 248 covered participants.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

6. ***Postemployment Benefits Other than Pension Benefits – continued***

The medical insurance plan is comprehensive medical via Blue Cross Blue Shield of Massachusetts and via the Commonwealth of Massachusetts Group Insurance Commission (GIC) for retired teachers. An employee shall become eligible to retire under this plan upon meeting one of the following conditions:

- Completion of 20 years of service.
- Employees hired prior April 2, 2012 - attainment of age 55 as an active member and completion of 10 years of service.
- Employees hired on or after April 2, 2012 – attainment of age 60 as an active member and completion of 10 years of service.

Cost sharing is 20% participant paid (50% for surviving spouses) and 10-15% for retired teachers, depending on the retirement date via the GIC.

The dental insurance plan is comprehensive dental offered to retired teachers via the GIC and is 100% participant paid for retired teachers and not available for all others.

The life insurance plan is a \$2,000 group term life insurance policy offered to retired teachers and is 10%-15% participant paid for retired teachers and not available for all others.

Funding Policy

The contribution requirements of plan members and the District are established and may be amended through District ordinances. The required contribution is based on the projected pay-as-you-go financing requirements. For fiscal year 2016, the District premiums plus implicit costs for the retiree medical program are \$1,262,495 and the District made a contribution to the OPEB Trust of \$315,000.

Annual OPEB Cost and Net OPEB Obligation

The District's annual other postemployment benefit (OPEB) cost (expense) is calculated based on the annual required contribution of the employer (ARC), an amount actuarially determined in accordance with the parameters of *GASB Statement No. 45*. The ARC represents a level of funding that, if paid on an ongoing basis, is projected to cover normal costs each year and amortize any unfunded actuarial liabilities (or funding excess) over a period not to exceed thirty years.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

6. *Postemployment Benefits Other than Pension Benefits – continued*

The following table shows the components of the District’s annual OPEB costs for the fiscal year, the amount actually contributed to the plan and changes in the District’s net OPEB obligation to the plan:

Annual required contribution	\$ 3,820,811
Interest on net OPEB obligation	400,682
Adjustment to annual required contribution	(557,007)
Amortization of actuarial gain	<u>(429,427)</u>
Annual OPEB cost	3,235,059
Contributions made to pay benefits	(1,262,495)
Contributions made to OPEB Trust	<u>(315,000)</u>
Increase in net OPEB obligation	1,657,564
Net OPEB obligation - beginning of year	<u>10,017,043</u>
Net OPEB obligation - end of year	<u>\$ 11,674,607</u>

The District’s annual OPEB cost, the percentage of the annual OPEB cost contributed to the plan, and the net OPEB obligation for the 2016 fiscal year and the three preceding years were as follows:

<i>Fiscal Year Ended</i>	<i>Annual OPEB Cost</i>	<i>Percentage Contributed</i>	<i>Net OPEB Obligation</i>
2016	\$ 3,235,059	48.8%	\$ 11,674,607
2015	\$ 3,007,598	50.8%	\$ 10,017,043
2014	\$ 3,087,343	41.9%	\$ 8,538,023
2013	\$ 2,911,980	42.5%	\$ 6,743,140
2012	\$ 2,103,322	62.8%	\$ 5,068,676

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

6. ***Postemployment Benefits Other than Pension Benefits – continued***

Funded Status and Funding Progress

As of July 1, 2014, the most recent valuation date, the plan was not fully funded. The actuarial liability for benefits was \$29,556,323, and the actuarial value of assets was \$300,000, resulting in an unfunded actuarial accrued liability (UAAL) of \$29,256,323. The covered payroll (annual payroll of active employees covered by the plan) was \$14,931,253 and the ratio of the UAAL to the covered payroll was 195.9%. Actuarial valuations of an ongoing plan involve estimates of the value of reported amounts and assumptions about the probability of occurrence of events far into the future. Examples include assumptions about future employment, mortality, and healthcare cost trend. Amounts determined regarding the funded status of the plan and the annual required contribution of the employer are subject to continual revision as actual results are compared with past expectations and new estimates are made about the future. The schedule of funding progress, presented in the required supplementary information following the financial statements, presents multiyear trend information about whether the actuarial value of plan assets is increasing or decreasing over time relative to the actuarial accrued liabilities for benefits.

Actuarial Methods and Assumptions

Projections of benefits for financial reporting purposes are based on the substantive plan (the plan as understood by the employer and plan members) and include the types of benefits provided at the time of each valuation and the historical pattern of sharing of benefit costs between the employer and plan members to that point. The actuarial methods and assumptions used include techniques that are designed to reduce the effects of short-term volatility in actuarial accrued liabilities and the actuarial value of assets, consistent with the long-term perspective of the calculations.

Additional information as of the latest actuarial valuation follows:

Valuation Date	July 1, 2014
Actuarial Cost Method:	Projected Unit Credit
Investment Rate of Return:	4.00% per annum

<i>Fiscal</i>		
<i>Year</i>	<i>Medical</i>	<i>Dental</i>
2013	6.0%	5.5%
2014	5.0%	5.0%
2015	5.0%	5.0%
2016	5.0%	5.0%
2017	5.0%	5.0%
2018	5.0%	5.0%
2019	5.0%	5.0%

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

6. ***Postemployment Benefits Other than Pension Benefits – continued***

Actuarial Methods and Assumptions – continued

General Inflation Assumption:	2.5% per annum
Annual Compensation Increases:	3.0% per annum
Actuarial Value of Assets:	Market Value
Amortization of UAAL:	Level dollar amortization over 30 years at transition
Remaining Amortization Period:	24 years at July 1, 2014

Recognition of OPEB Trust Assets

The Commonwealth of Massachusetts has passed legislation allowing municipal entities to establish a trust for OPEB under M.G.L. Chapter 32B, Section 20 for purposes of accumulating asset to pre-fund the liabilities under GASB No. 45. The District established an irrevocable trust for the purposes of prefunding liabilities under GASB No. 45. At June 30, 2016, the value of the irrevocable trust is \$959,263.

7. ***Significant Commitments Including Encumbrances***

The District significant commitments include the encumbrances outstanding for the general fund of \$1,588,766. There are no encumbrances in non-major funds at June 30, 2016.

8. ***Governmental Fund Balances***

As of June 30, 2016, fund balance components other than unassigned fund balances consist of the following:

	<i>General</i>	<i>Capital Project Fund</i>	<i>Non-Major Governmental Funds</i>	<i>Total</i>
<i>Assigned for:</i>				
General encumbrances	\$ 1,588,765	\$ -	\$ -	\$ 1,588,765
Capital projects	-	5,445,222	-	5,445,222
Cafeteria operations	-	-	53,207	53,207
Night school	-	-	123,959	123,959
Summer school	-	-	138,750	138,750
Assigned fund balances	<u>\$ 1,588,765</u>	<u>\$ 5,445,222</u>	<u>\$ 315,916</u>	<u>\$ 7,349,903</u>

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

9. Contingencies

Litigation

The District is defending a appeal for unemployment compensation by a former employee. The District believes it has meritorious defenses and intends to vigorously contest the complaints and the resolution will not have a material adverse effect on its financial position. Therefore, no adjustment has been made to the 2016 financial statements.

Grant Funding

The District's various grants and contracts are subject to audit by appropriate governmental agencies. Acceptance of final costs incurred under these grants and contracts resides with these grantors. As of the date of these statements, the materiality of adjustments to final costs, if any, cannot be determined and management does not anticipate any. Therefore, no adjustment has been made to the 2016 financial statements.

10. Risk Management

The District is exposed to various risks of loss related to general liability, property and casualty, workers' compensation, unemployment, and employee health claims.

The District carries commercial insurance for general liability, property and casualty, and workers' compensation. Losses are insured to the extent the losses exceed the deductibles. There have been no significant reductions in insurance coverage during 2016.

The District is self-insured for unemployment and employee health claims. Stop loss insurance is carried to cover individual claims for employee health in excess of \$75,000.

The District records estimated liabilities for unemployment and employee health claims based on estimates of the ultimate cost of reported claims and an estimate for claims which have been incurred but not reported based on historical experience. Changes in the self-insurance expendable liability account for the last two years are as follows:

	<i>2016</i>	<i>2015</i>
Claims liability at beginning of year	\$ 411,682	\$ 392,078
Claims and administrative costs incurred for current year and change in estimate	3,448,739	2,899,212
Payments of costs for current year	<u>(3,448,739)</u>	<u>(2,879,608)</u>
Claims liability at ending of year	<u>\$ 411,682</u>	<u>\$ 411,682</u>

Shawsheen Valley Regional Vocational/Technical School District
Notes to Financial Statements – *continued*
June 30, 2016

11. Investments

As of June 30, 2016, the District had the following investments:

<i>Description</i>	<i>Beginning Fair Value</i>	<i>Purchases</i>	<i>Change in Fair Value</i>	<i>Ending Fair Value</i>
Stock mutual funds	\$ 759,327	\$ 315,000	\$ 82,603	\$ 1,156,930
Bonds	<u>167,434</u>	<u>-</u>	<u>(20,628)</u>	<u>146,806</u>
Total	<u>\$ 926,761</u>	<u>\$ 315,000</u>	<u>\$ 61,975</u>	<u>\$ 1,303,736</u>

12. Commitments

During fiscal year 2016, the District entered into a contract with a landscaping construction company in the amount of \$5,169,000 for the purpose of the athletic field project. As of June 30, 2016 \$603,000 was incurred.

During fiscal year 2016, the District entered into a contract with a construction company in the amount of \$510,000 for the renovation of the front lobby of Districts building. As of June 30, 2016 \$42,148 was incurred.

13. Inter-fund Receivables and Payables

At June 30, 2016, the General Fund has paid costs relating to the athletic field project on behalf of the Capital Project Fund. The Capital Project Fund will reimburse the General Fund with the bond proceeds.

14. Subsequent Events

The District has evaluated subsequent events through March 23, 2017, which is the date the financial statements were available to be issued. No material subsequent events have occurred since June 30, 2016 that required recognition or disclosure in these financial statements.

**SCHEDULE OF FUNDING PROGRESS FOR THE
DISTRICT'S OTHER POSTEMPLOYMENT BENEFITS PLAN**

Shawsheen Valley Regional Vocational/Technical School District
 Schedule of Funding Progress for the
 District's Other Postemployment Benefits Plan
 June 30, 2016 (Unaudited)

<i>Actuarial Valuation Date July 1,</i>	<i>Actuarial Value of Assets</i>	<i>Actuarial Accrued Liability</i>	<i>Unfunded Actuarial Accrued Liability</i>	<i>Funded Ratio</i>	<i>Covered Payroll</i>	<i>Unfunded Liability as Percentage of Covered Payroll</i>
2014	\$ 300,000	\$ 29,556,323	\$ 29,256,323	1.0%	\$ 14,931,253	196%
2012	\$ 300,714	\$ 29,932,041	\$ 29,631,327	1.0%	\$ 14,553,403	204%
2010	\$ -	\$ 28,852,869	\$ 28,852,869	0.0%	\$ 13,545,610	213%
2008	\$ -	\$ 43,616,450	\$ 43,616,450	0.0%	N/A	N/A

BUDGETARY COMPARISON SCHEDULE

Shawsheen Valley Regional Vocational/Technical School District
Budgetary Comparison Schedule
General Fund
For the Year Ended June 30, 2016 (Unaudited)

	<i>Budgeted Amounts</i>		<i>Actual</i>	<i>Variance with</i>
	<i>Original</i>	<i>Final</i>	<i>Amounts</i> <i>(Budgetary</i> <i>Basis)</i>	<i>Final Budget</i> <i>Positive/</i> <i>(Negative)</i>
<i>Revenues</i>				
Town assessments	\$ 20,922,558	\$ 20,922,558	\$ 20,922,558	\$ -
Commonwealth of Massachusetts				
Chapter 70 school aid	6,268,892	6,268,892	6,749,763	480,871
Pupil transportation	530,000	530,000	772,677	242,677
Miscellaneous revenues	-	-	37,976	37,976
Appropriated from surplus	121,533	121,533	-	(121,533)
Total revenues	27,842,983	27,842,983	28,482,974	639,991
<i>Expenditures</i>				
School committee	47,700	47,700	182,590	(134,890)
Superintendent's office	1,587,010	1,587,010	1,400,458	186,552
Office of the director	932,191	932,191	908,985	23,206
Teaching	12,417,167	12,417,167	11,960,402	456,765
Textbook program	147,745	147,745	113,007	34,738
Library service	46,182	46,182	46,494	(312)
Audio visual	7,900	7,900	2,771	5,129
Guidance program	885,930	885,930	871,046	14,884
Ed television	93,801	93,801	93,801	-
Health services	124,635	124,635	127,430	(2,795)
Operation of school vehicles	38,000	38,000	13,763	24,237
Contract bus	1,076,430	1,076,430	970,165	106,265
Athletic program	482,689	482,689	421,967	60,722
Custodial	602,947	602,947	611,418	(8,471)
Heating	308,000	308,000	182,287	125,713
Utilities	617,000	617,000	499,576	117,424
Grounds	110,000	110,000	64,850	45,150
Building	171,684	171,684	201,284	(29,600)
Equipment repairs	844,616	844,616	758,291	86,325
Employee retirement program	1,546,278	1,546,278	1,516,306	29,972
Insurance	4,382,004	4,382,004	4,696,198	(314,194)
Acquisition of equipment	589,521	589,521	1,614,127	(1,024,606)
Debt service	534,750	534,750	534,750	-
Student activities	248,803	248,803	237,525	11,278
Total expenditures	27,842,983	27,842,983	28,029,491	(186,508)
Excess of revenues over expenditures	\$ -	\$ -	\$ 453,483	\$ 453,483

Shawsheen Valley Regional Vocational/Technical School District
 Budgetary Comparison Schedule – *continued*
 General Fund
 For the Year Ended June 30, 2016 (Unaudited)

Explanation of differences between budgetary revenues and expenditures and GAAP revenue and expenditures

Revenues

Revenues as reported on the budgetary comparison schedule	\$ 28,482,974
Differences due to GAAP:	
Teachers Retirement Board are revenue for financial statement reporting purposes but not for budgetary purposes	3,387,932
Total revenues as reported on the statement of revenues, expenditures, and changes in fund balances - governmental funds	\$ 31,870,906

Expenditures

Expenditures as reported on the budgetary comparison schedule	\$ 28,029,491
Differences due to GAAP:	
Pension benefits paid to teachers of the District by the Massachusetts Teachers Retirement Board are expenditures for financial statement reporting purposes but not for budgetary purposes	3,387,932
Encumbrances for purchases ordered but not received is reported in the year the order is placed for budgetary purposes, but in the year received for financial reporting purposes.	(1,025,430)
Total expenditures as reported on the statement of revenues, expenditures and changes in fund balances - governmental funds	\$ 30,391,993

**SCHEDULE OF EXPENDITURES OF
FEDERAL AWARDS**

Shawsheen Valley Regional Vocational/Technical School District
Schedule of Expenditures of Federal Awards
For the Year Ended June 30, 2016

<i>Federal Grantor (Pass-Through Grantor) Program Title</i>	<i>Federal CFDA Number</i>	<i>Pass-Through Entity Identifying Number</i>	<i>Federal Expenditures</i>
<i>U.S. Department of Education</i>			
Passed through the Massachusetts Department of Elementary and Secondary Education			
Special Education Cluster			
Special Education - Grants to States (IDEA, Part B)	84.027	240-119-6-0871-Q	\$ 360,544
Special Education - Grants to States (IDEA, Part B)	84.027	274-203-5-0871-P	2,953
Special Education - Grants to States (IDEA, Part B)	84.027	274-006-4-0871-O	<u>8,317</u>
		Total Special Education Cluster	<u>371,814</u>
Career and Technical Education - Basic Grants to States (Perkins IV)	84.048	400-002-6-0871-O	185,779
Career and Technical Education - Basic Grants to States (Perkins IV)	84.048	400-016-5-0871-P	15,138
Title I Grants to Local Educational Agencies	84.010	305-043611-2016-0871	68,901
Title I Grants to Local Educational Agencies - Carryover	84.010	305-043611-2015-0871	51,684
Improving Teacher Quality State Grants	84.367	140-028806-2016-0871	<u>16,109</u>
		Total U.S. Department of Education	<u>709,425</u>
<i>U.S. Department of Agriculture</i>			
Passed through the Massachusetts Department of Elementary and Secondary Education			
Child Nutrition Cluster			
School Breakfast Program	10.553	13758G70532113	8,161
National School Lunch Program	10.555	13758G70532113	117,641
National School Lunch Program (Commodities)	10.555	09-031-1	<u>37,388</u>
		Total Child Nutrition Cluster	<u>163,190</u>
		Total U.S. Department of Agriculture	<u>163,190</u>
Total Expenditures of Federal Awards			<u>\$ 872,615</u>

See accompanying notes to schedule.

Shawsheen Valley Regional Vocational/Technical School District
Notes to Schedule of Expenditures of Federal Awards
June 30, 2016

1. *Basis of Presentation*

The accompanying Schedule of Expenditures of Federal Awards (the Schedule) includes the federal awards activity of Shawsheen Valley Regional Vocational/Technical School District (the District) under programs of the Federal government for the year ended June 30, 2016. The information in the Schedule is presented in accordance with the requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Because the Schedule presents only a selected portion of the operations of the District, it is not intended to and does not present the financial position, changes in net position or cash flows of the District.

2. *Summary of Significant Accounting Policies*

Expenditures reported on the Schedule are reported on the accrual basis of accounting. Such expenditures are recognized following the cost principles contained in the Uniform Guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement.

The District has elected to use the 10 percent de minimis indirect cost rate as allowed under the Uniform Guidance.

3. *Food Distribution*

Non-monetary assistance is reported in the Schedule at the fair market value of the commodities received and disbursed. At June 30, 2016, the District had food commodities totaling \$9,209, which are recorded in inventory.

4. *Subrecipients*

There were no pass-through federal awards to subrecipients by the District during fiscal year 2016.

**REPORT ON COMPLIANCE
AND INTERNAL CONTROL**



DANIEL DENNIS & Co
Certified Public Accountants

*Independent Auditors' Report on Internal Control over Financial Reporting and on Compliance
and Other Matters Based on an Audit of Financial Statements Performed in Accordance with
Government Auditing Standards*

The School Committee
Shawsheen Valley Regional Vocational/Technical School District

We have audited, in accordance with auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities, the business-type activities, each major fund, and the aggregate remaining fund information of Shawsheen Valley Regional Vocational/Technical School District (the District), as of and for the year ended June 30, 2016, and the related notes to the financial statements, which collectively comprise the District's basic financial statements, and have issued our report thereon dated March 23, 2017.

Internal Control Over Financial Reporting

In planning and performing our audit of the financial statements, we considered the District's internal control over financial reporting (internal control) to determine the audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we do not express an opinion on the effectiveness of the District's internal control.

A deficiency in internal control exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies. Given these limitations, during our audit we did not identify any deficiencies in internal control that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

Compliance and Other Matters

As part of obtaining reasonable assurance about whether the District's financial statements are free of material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the determination of financial statement amounts. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

Purpose of this Report

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Daniel Dennis & Company LLP

March 23, 2017

**REPORT IN ACCORDANCE
WITH
THE UNIFORM GUIDANCE**



DANIEL DENNIS & Co
Certified Public Accountants

*Independent Auditors' Report on Compliance for Each Major Program and on Internal Control
Over Compliance Required by the Uniform Guidance*

The School Committee
Shawsheen Valley Regional Vocational/Technical School District

Report on Compliance for Each Major Federal Program

We have audited Shawsheen Valley Regional Vocational/Technical School District's (the District) compliance with the types of compliance requirements described in the *OMB Compliance Supplement* that could have a direct and material effect on the District's major federal program for the year ended June 30, 2016. The District's major federal program is identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

Management's Responsibility

Management is responsible for compliance with the federal statutes, regulations and the terms and conditions of its federal awards applicable to its federal programs.

Auditors' Responsibility

Our responsibility is to express an opinion on compliance for the District's major federal program based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the audit requirements of Title 2 U.S. *Code of Federal Regulations* Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards* (Uniform Guidance). Those standards and the Uniform Guidance require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a major federal program occurred. An audit includes examining, on a test basis, evidence about the District's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance for the major federal program. However, our audit does not provide a legal determination of the District's compliance.

Opinion on the Major Federal Program

In our opinion, the District, complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on its major federal program for the year ended June 30, 2016.

Report on Internal Control Over Compliance

Management of the District is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the District's internal control over compliance with the types of requirements that could have a direct and material effect on the major federal program to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for the major federal program and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the District's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

Daniel Dennis & Company LLP

March 23, 2017

**SCHEDULE OF FINDINGS
AND QUESTIONED COSTS**

Shawsheen Valley Regional Vocational/Technical School District
 Schedule of Findings and Questioned Costs
 For the Year Ended June 30, 2016

Financial Statements

Type of auditor's report issued: Unmodified

Internal control over financial reporting:

- Material weakness identified? _____ yes X no

- Significant deficiency identified that is not considered to be a material weakness? _____ yes X no

Noncompliance material to financial statements noted? _____ yes X no

Federal Awards

Internal control over major programs:

- Material weakness(es) identified? _____ yes X no

- Significant deficiency(ies) identified that are not considered to be material weakness(es)? _____ yes X no

Type of auditor's report issued on compliance for major programs - Unmodified

Any audit findings disclosed that are required to be reported in accordance with 2 CFR section 200.516(a)? _____ yes X no

Identification of major programs:

CFDA Number	Name of Program
84.027	Special Education - Grants to States (IDEA, Part B)

Dollar threshold used to distinguish between type A and type B programs: \$ 750,000

Auditee qualified as low-risk auditee? X yes _____ no

Shawsheen Valley Regional Vocational/Technical School District
Schedule of Findings and Questioned Costs – *Continued*
For the Year Ended June 30, 2016

II. FINANCIAL STATEMENT FINDINGS

A. *Deficiencies in Internal Control over Financial Reporting*

None

B. *Material Fraud and Noncompliance with Provisions of Laws and Regulations*

None

C. *Material Noncompliance with Provisions of Contracts and Grant Agreements*

None

D. *Material Abuse*

None

III. FEDERAL AWARD FINDINGS AND QUESTIONED COSTS

None

IV. STATUS OF PRIOR AUDIT FINDINGS

There were no unresolved audit findings from prior years' audits of Shawsheen Valley Regional Vocational/Technical School District.

**MASSACHUSETTS SCHOOL DISTRICT
REPORT ON COMPLIANCE
AND INTERNAL CONTROL**



DANIEL DENNIS & Co
Certified Public Accountants

*Independent Auditors' Report on Compliance and Internal Control over Compliance
Applicable to Massachusetts School Districts*

The School Committee
Shawsheen Valley Regional Vocational/Technical School District

We have audited Shawsheen Valley Regional Vocational/Technical School District's (the District) compliance with the types of compliance requirements described in the *Massachusetts Department of Elementary and Secondary Education's Compliance Supplement* (the Supplement) applicable to Massachusetts school districts for the year ended June 30, 2016.

Management's Responsibility

Management is responsible for compliance with the requirements of laws, regulations, contracts, and grants applicable to a Massachusetts school district.

Auditors' Responsibility

Our responsibility is to express an opinion on compliance based on our audit of the types of compliance requirements referred to above. We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the Supplement. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether noncompliance with the types of compliance requirements referred to above that could have a direct and material effect on a Massachusetts school district occurred. An audit includes examining, on a test basis, evidence about the District's compliance with those requirements and performing such other procedures as we considered necessary in the circumstances.

We believe that our audit provides a reasonable basis for our opinion on compliance with the types of compliance requirements referred to above. However, our audit does not provide a legal determination of the District's compliance.

Opinion on Compliance

In our opinion, the District complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on a Massachusetts school district for the year ended June 30, 2016.

Report on Internal Control Over Compliance

Management of the District, is responsible for establishing and maintaining effective internal control over compliance with the types of compliance requirements referred to above. In planning and performing our audit of compliance, we considered the District's internal control over compliance with the types of requirements that could have a direct and material effect on a Massachusetts School District to determine the auditing procedures that are appropriate in the circumstances for the purpose of expressing an opinion on compliance for a Massachusetts school district and to test and report on internal control over compliance in accordance with the Supplement, but not for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, we do not express an opinion on the effectiveness of the District's internal control over compliance.

A deficiency in internal control over compliance exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a Massachusetts school district on a timely basis. A *material weakness in internal control over compliance* is a deficiency, or combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a Massachusetts school district will not be prevented, or detected and corrected, on a timely basis. A *significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a Massachusetts school district that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies. We did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses. However, material weaknesses may exist that have not been identified.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Supplement. Accordingly, this report is not suitable for any other purpose.

Daniel Dennis & Company LLP

March 23, 2017