

PLYMOUTH REGIONAL HIGH SCHOOL

Career and Technical Center Renovations

75% State Funded
25% Local Funds

Career and Technical Education Mission:

To promote Career and Technical Education as a total educational philosophy, which will ensure that every citizen of New Hampshire graduates from high school ready and prepared for higher education and the world of work.



Plymouth Regional High School Career and Technical Center Renovations

Plymouth Regional High School seeks your vote at town meeting in March of 2017, to approve the 75% State of New Hampshire Funded renovations to the School’s Career and Technical Center. Built in 1982, the Center has not been renovated or expanded in more than 30 years and yet must handle the critically important task of providing educational opportunities for students to explore and develop the skills required to succeed in a rapidly changing modern work force. In support of this mission, the Center provides opportunities and guidance for students to excel through secondary education, apprenticeships and jobs. With your support, the proposed renovations will reshape, revitalize and provide an exceptional learning environment for a new generation of students over the next 30 years.

Career and Technical Center Programs Include: Automotive Technology, Health Science Technology, Digital Media, Culinary Arts, Marketing Education and Drafting Technology

PRHS Renovations Include:

- Special Education*
- Art and Media Lab*
- Administration and Facilities*

**Renovations to these facilities provides greater student safety, access to specialized education and accommodates CTC renovations*

Key Project Elements:

- 75% State Funded
- Classroom and Lab integration
- New state-of-the-art digital medial classroom with recording studio
- Expanded automotive facilities with attached classroom
- Six (6) automotive lifts with exhaust ventilation system
- Integrated drafting and technology classroom
- Student work and collaboration space within each program
- Daylighting in health science classroom
- New energy efficient CTC exterior walls – eliminating 30-year-old failed glass walls
- Energy efficient and code compliant culinary kitchen
- Strategically located administration offices to aid in building security and safety
- New ventilation and lighting throughout entire CTC
- Facility design for the next 30 years of career and technical education
- Code compliant egress stairs and ADA restrooms

Schedule: To limit classroom disruption, the design and construction team will work over the next year to plan and detail the building renovations. Construction will begin during Spring break 2018 and be completed in August 2018 for the fall school opening. The construction schedule has been designed to reduce the overall building schedule, reduce costly phased construction and overall disruptions.

Design and Engineering: 9 Months (April 2017–December 2017)

Construction: 5 months (April 2018–August 2018)

Budget: *The State of New Hampshire will Fund 75% of the Career and Technical Center Renovations.* With limited education funding available, the State of New Hampshire offers Career and Technical Centers a one-time subsidy every 25–30 years to assure each of the 30 centers are offering a state-of-the-art education. One of the last of 30 centers throughout the entire State to take advantage of the state aid, SAU 48 will pay for only 25% of all CTC renovations.

Included in the project, will be renovations to the Special Education Programs including an expanded classroom and specialty spaces to accommodate a growing need for Special Education services.

State Funding: \$5.3 million

Local Contribution: \$3.1 million

Total Project Cost: \$8.5 million

Lower Level Plan

Automotive
Auto Shop and Classroom

Digital Media
Recording Studio, Classroom and Computer Lab

Health Occupations
Simulation Lab and Classroom

Athletic Director
Director Office and Equipment Storage

Facilities
Director Office and Storage



Facilities

Director Office and Storage

First Floor Plan



A

Culinary
Classroom, Kitchen and Dining Room

B

Marketing
Classroom, Lab and School Store

Second Floor Plan

The Second Floor Plan shows a large building with various rooms and areas. The plan is divided into several sections, with a red box highlighting a specific area on the right side. The rooms and areas are labeled as follows:

- BOILER**: A: 674 SF
- MECHANICAL ROOM**: A: 1857 SF
- CORRIDOR**: A: 388 SF
- CLASSROOM**: A: 681 SF
- CLASSROOM**: A: 744 SF
- JAN**: A: 109 SF
- REST**: A: 136 SF
- REST**: A: 123 SF
- STAIR - 1**: A: 638 SF
- CLASSROOM**: A: 704 SF
- STORAGE**: A: 142 SF
- CLASSROOM**: A: 1303 SF
- CLASSROOM**: A: 749 SF
- CLASSROOM**: A: 753 SF
- CLASSROOM**: A: 742 SF
- CLASSROOM**: A: 772 SF
- CLASSROOM**: A: 697 SF
- STAIR - 2**: A: 627 SF
- JANITOR**: A: 73 SF
- LOBBY**: A: 2405 SF
- OPEN TO BELOW**: A: 2405 SF
- STAIR - 3**: A: 254 SF
- ELEVATOR**: A: 44 SF
- POWER & ENERGY**: A: 127 SF
- DRAFTING LAB**: A: 1327 SF
- CLASSROOM**: A: 1030 SF
- CLASSROOM**: A: 1015 SF
- RESOURCE**: A: 233 SF
- RESOURCE**: A: 243 SF
- LIFE SKILLS**: A: 115 SF
- OFFICE**: A: 119 SF
- CONFERENCE**: A: 208 SF
- SPECIAL EDUCATION OFFICE**: A: 208 SF
- COPY**: A: 77 SF
- RESTROOM**: A: 48 SF
- RESTROOM**: A: 39 SF
- RESTROOM**: A: 83 SF
- SMALL GROUP**: A: 97 SF
- SMALL GROUP**: A: 100 SF
- ELEV**: A: 46 SF
- STORAGE**: A: 119 SF

The red box highlights the area containing the **POWER & ENERGY** room, **DRAFTING LAB**, and the two **CLASSROOM** rooms (A: 1030 SF and A: 1015 SF). This area is also labeled with a large blue circle 'B'.

Other areas are labeled with large blue circles: 'C' is located in the central lobby area, and 'A' is located in the upper right corner of the plan.

Special Education

Drafting

Media

Classroom, Computer Lab and Studio

PROJECTED DEFERRED MAINTENANCE COSTS

Career and Technical Center Renovations

The total costs below are projected to be incurred by the district over the next 10 years if the proposed CTC renovations are not completed. The renovation of all the items listed below is incorporated into the proposed CTC project, 75% of which will be funded by the State of NH.

CTC FACILITY DEFERRED MAINTENANCE

AUTOS Replace Car Exhaust Ventilations System Replace Floor Drain System Replace Epoxy Floor Replace Overhead Doors (04)	BATHROOMS Special Ed Bathroom	PLUMBING Valve Replacement	BUILDING PA SYSTEM Rehab Existing PA System
HVAC Change Out RTU 1-4 Change Out HV 1-7 Remove and Replace Exhaust Fan 1-11 Unit Ventilators 1-5	CULINARY New Kitchen Hood System New Make Up Air System Replace Heating and Cooling System Replace Flooring with Epoxy Flooring Replace All Plumbing	SPRINKLER SYSTEMS Replace All heads with updated flush heads	BUILDING ELEVATOR Upgrade Existing Elevator to bring up to code
BUILDING TRADES New Epoxy Floor (1,700 SF) New Ventilation New Air Purifiers New Exhaust System Replace Overhead Doors (01)	FLOORING Replace Flooring Throughout	BUILDING LIGHTING New Emergency LED Lights	HALL & CLASS LOCKERS Replace Hallway and Classroom Lockers (220)
	FIRE ALARM Tie Fire Alarm Into Existing School System	CEILING Replace ceiling tile and Grid Throughout	CAMERA & DOOR SECURITY Upgrade Systems
	DOORS Replace All Interior Doors, frames and Hardware Replace All Existing Exterior Doors & Hardware	BUILDING CLOCK SYSTEM Replace Clock System with Prime X System	BUILDING ELECTRICAL SYSTEMS Panel / emergency panel upgrades
		BUILDING PHONE SYSTEM Replace Building Phone System	BUILDING EXTERIOR Replacement Windows

TOTAL COST:

\$2,668,816

PROGRAMS & EQUIPMENT

AUTOS Alignment Lick Tire Mount, Balance, Compressor	CULINARY EQUIPMENT Replace Equipment	DIGITAL MEDIA PROGRAM New CTC Digital Media Program
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\$412,000

TROMBE WALL REPLACEMENT

REPLACE EXISTING FAILED TROMBE WALL

\$250,000

DISTRICT DEFERRED MAINTENANCE COSTS

\$3,330,816

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Thank you for taking the time to review this information.

If you have questions, please contact Bruce Parsons at (603) 536-1444 or bparsons@pemibaker.org