

Old Colony Regional Vocational Technical High School



PMA Consultants

SCHOOL BUILDING COMMITTEE | 06.13.2024

AGENDA

OLD COLONY REGIONAL VOCATIONAL TECHNICAL HIGH SCHOOL DISTRICT

TOWNS OF ACUSHNET, CARVER, LAKEVILLE, MATTAPOISETT, ROCHESTER

Posted in accordance with the provisions of MGL Chapter 30A, § 18-25

Name of Board/Committee: School Building Committee

Date & Time of Meeting: Thursday June 13, 2024
6:00 p.m. - Library

Location of Meeting: Old Colony Regional Vocational Technical
High School
476 North Avenue, Rochester, MA 02770

Clerk/Board Member posting notice: Jolene Costa

Cancelled/Postponed/Revised

(Clerk/Board Member cancelling/postponing/revising meeting)

AGENDA

1. Call to Order
2. Vote to Approve Prior Meeting Minutes
 - o 05/07/24 SBC Meeting Minutes
3. Designer Workplan Update
4. Day with Teachers Recap
5. Educational Visioning Session #1 Recap
6. Site Selection Discussion
7. Recap of the Water Discussion
8. Review of Space Summary and Proposed Enrollment Numbers to Study
Approval/Potential Vote
9. Schedule/Next Steps
10. New Business
11. Adjournment

Please be aware that this agenda is subject to change if other issues arise that require attention by this Committee. A copy of the full agenda is available upon request.

MSBA OVERVIEW

Old Colony Regional Medical Center

THE LANE WAY

FREE ZONE NO PARK

MSBA PROCESS

1. Eligibility Period

- Old Colony has submitted a statement of interest and evaluated existing conditions.

3. Feasibility Study

- We help confirm what was found and explored during pre-feasibility.

5. Funding the Project

- We stand by you in securing community/funding approval.

7. Construction

- We oversee the contractor and construction process while keeping a close eye on the quality, budget, schedule, & more.

1

2

3

4

5

6

7

8

2. Forming the Team

- We help you select the Architect that will best meet your project goals.

4. Schematic Design

- We assist in developing a final design program & in negotiating a Project Scope & Budget Agreement.

6. Detailed Design

- Guiding you through design, we also help to generate construction docs, procure bids, & award a construction contract.

8. Completion

- Finalize permits, maximize grant reimbursements, and move students into the school.

DESIGNER WORKPLAN UPDATE

Old Colony Regional Middle School

THE STATE OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

PDP WORKPLAN STATUS

PDP Workplan

Old Colony Regional Vocation Technical High School

5/27/2024 HMFH Architects

			2024																											
			May				June				July				August				September				October							
Start	End		6	13	20	27	3	10	17	24	1	8	15	22	29	5	12	19	26	2	9	16	23	30	7	14	21	28		
Preliminary Design Program (PDP)	05/07/24	09/17/24																												
Meetings																														
Finalize Contract	05/15/24	05/15/24	*																											
SBC Meetings	TBD	TBD	*																											
Meeting with Fire and Police	TBD	TBD	*																											
Educational Planning																														
Review/revise existing ed program																														
Visioning Sessions	06/11/24	09/11/24	*																											
Educational Programming																														
Analyze existing schedule / projected growth																														
Meet with Educators	06/10/24	06/10/24	*																											
Populate MSBA Space Template	06/25/24	07/08/24																												
Evaluation of Existing Conditions																														
Walk through of building and systems	05/15/24	05/15/24	*																											
Existing Conditions Drawings Verification																														
Geotechnical investigation																														
Code Review/Structural																														
Haz Mat Analysis																														
Topographic Site Survey																														
Zoning Review																														
Site Development Requirements	06/03/24	07/08/24																												
Site Program Development																														
Water Requirements																														
Orientation/Parking/Traffic																														
Identify Potential Sites																														
Preliminary Evaluation of Alternatives	07/09/24	08/05/24																												
Analysis for Feasibility																														
Preliminary Plan and Site Diagrams																														
Cost implication of Alternatives																														
Community Meetings	TBD	TBD																												
Acushnet			*																											
Carver			*																											
Lakeville			*																											
Mattapoisett			*																											
Rochester			*																											
Submission Preparation & Local Approvals	09/09/24	09/17/24																												
PDP Submission to MSBA	09/17/24	09/17/24	*																											
MSBA Review Period	09/18/24	10/07/24																												
Respond to MSBA Comments	10/8/2024	10/22/2024																												

EDUCATIONAL VISIONING SESSION #1 RECAP

Old Colony Regional Middle School

THE LANE WAY

THE LANE WAY

VISIONING SESSION #1 RECAP

Exploring Future Ready Learning Goals

The following learning goals listings represent the attempts of a variety of thoughtful and successful schools, school networks, and educational organizations to identify the learning goals and skills that are most important for preparing today's students for success in life, work and post-secondary study. As you look through them, think about which "Future Ready" learning goals you find most meaningful for your students/children and why.

The MET Technical School

- Communication
 - How do I take in and express ideas?
- Empirical Reasoning
 - How do I prove it?
- Personal Qualities
 - What do I bring to this process?
- Quantitative Reasoning
 - How do I measure, compare, or represent it?
- Social Reasoning
 - What are other peoples perspectives on this?

Profile of a Virginia Graduate

- Content Knowledge
 - Achieve and apply appropriate academic and technical knowledge
- Career Exploration
 - Align knowledge, skills, and personal interests with career opportunities
- Workplace Skills
 - Attain and demonstrate productive workplace skills, qualities, and behaviors
- Community Engagement and Civic Responsibility
 - Build connections and value for interactions with diverse communities

SKILLS USA

- Personal Skills
 - Integrity
 - Work Ethic
 - Professionalism
 - Responsibility
 - Adaptability
 - Self-Motivation
- Workplace Skills
 - Communication
 - Decision Making
 - Teamwork
 - Multicultural Sensitivity
 - Planning and Organizing
 - Management and Leadership
- Technical Skills Grounded in Academics
 - Computer and Technology Literacy
 - Job-Specific Skills
 - Safety and Health
 - Service Orientation
 - Professional Development

Key Competencies for Lifelong Learning

European Reference Framework

- Communication in the mother tongue
- Communication in foreign languages
- Mathematical competence
- Basic competences in science and technology
- Digital competence
- Learning to learn
- Social and civic competences
- Sense of initiative and entrepreneurship
- Cultural awareness and expression

Top Ten Skills for 2025

Future of Jobs Report/World Economic Forum

1. Complex Problem Solving
2. Critical Thinking
3. Creativity
4. People Management
5. Coordination with Others
6. Emotional Intelligence
7. Judgment and Decision Making
8. Service Orientation
9. Negotiation
10. Cognitive Flexibility

21st Century Employability and College Prep Skills (CTE)

- Work in teams
- Ask good questions
- Consider multiple perspectives in the workplace
- Ask how things are connected
- Take big picture views



Exploring Future Ready Learning Goals

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Bloom's Taxonomy

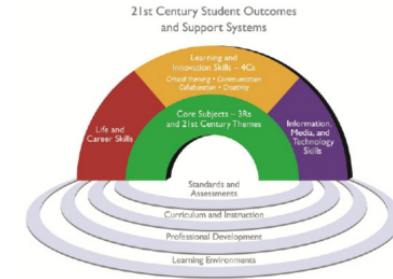
- Knowledge
- Comprehension
- Application
- Analysis
- Synthesis
- Evaluation

Partnership for 21st Century Skills - 5 Cs

- Critical Thinking
- Communication
- Collaboration
- Creativity
- Citizenship

NCREL - North Central Regional Education Laboratory

- Digital Age Literacy
 - Basic, scientific, economic and technological literacy
 - Visual literacy and information literacy
 - Multicultural literacy and global awareness
- Inventive Thinking
 - Adaptability and managing complexity
 - Self-direction
 - Curiosity, creativity, and risk taking
 - Higher-order thinking and sound reasoning
- Effective Communication
 - Teaming, collaboration and interpersonal skills
 - Self-direction
 - Personal, social, and civic responsibility
 - Interactive communication
- High Productivity
 - Prioritizing, planning and managing for results
 - Effective use of real world tools
 - Ability to produce relevant, high-quality products



Partnership for 21st Century Skills: Framework for 21st Century Learning

Wagner: Seven 21st Century Skills

- Critical Thinking and problem solving
- Collaboration and leadership
- Agility and adaptability
- Initiative and entrepreneurship
- Effective written and oral communication
- Assessing and analyzing information
- Curiosity and imagination

International Baccalaureate

- Inquirers
- Knowledgeable
- Thinkers
- Communicators
- Principled
- Risk-Takers
- Balanced
- Reflective

Coalition of Essential Schools Habits of Mind

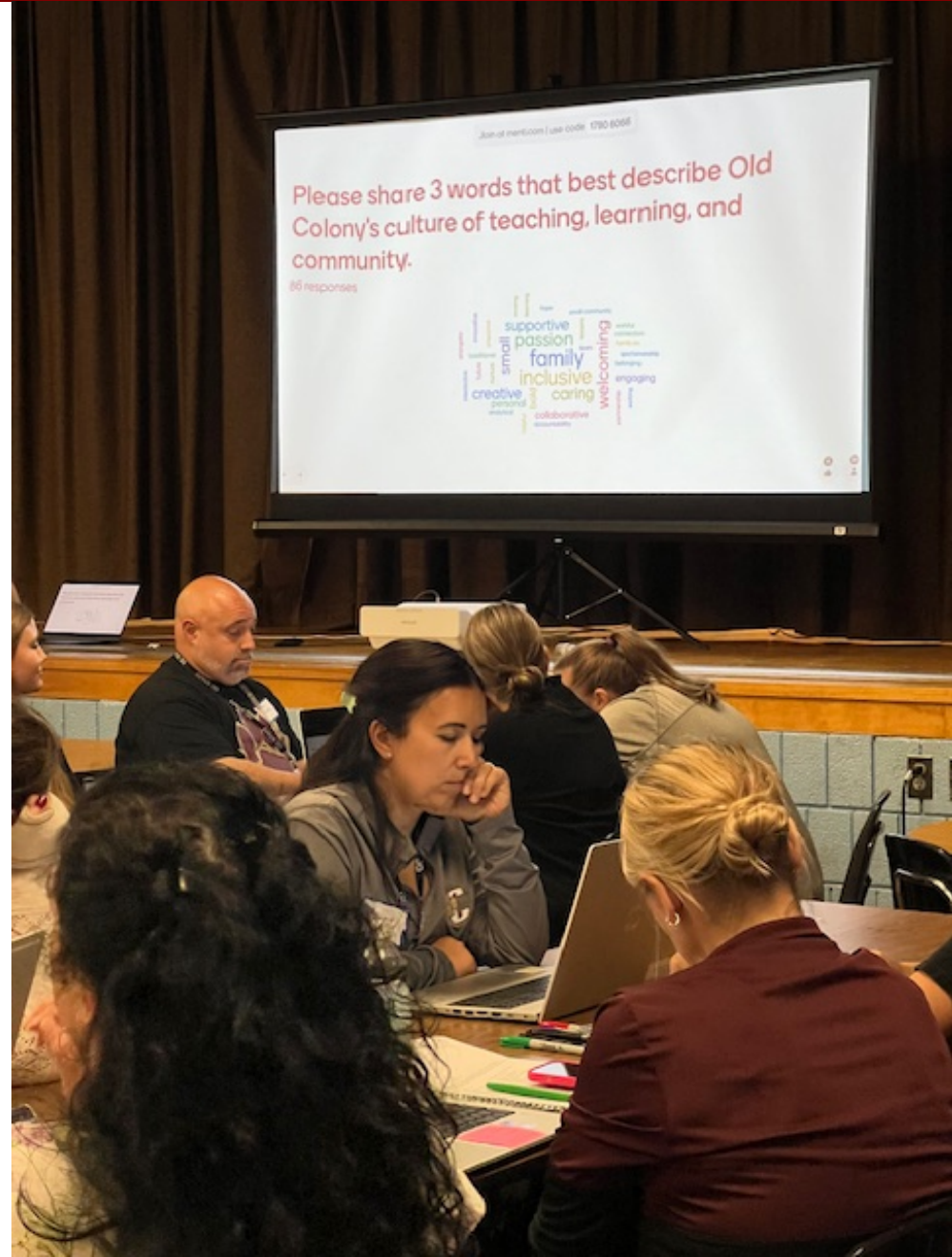
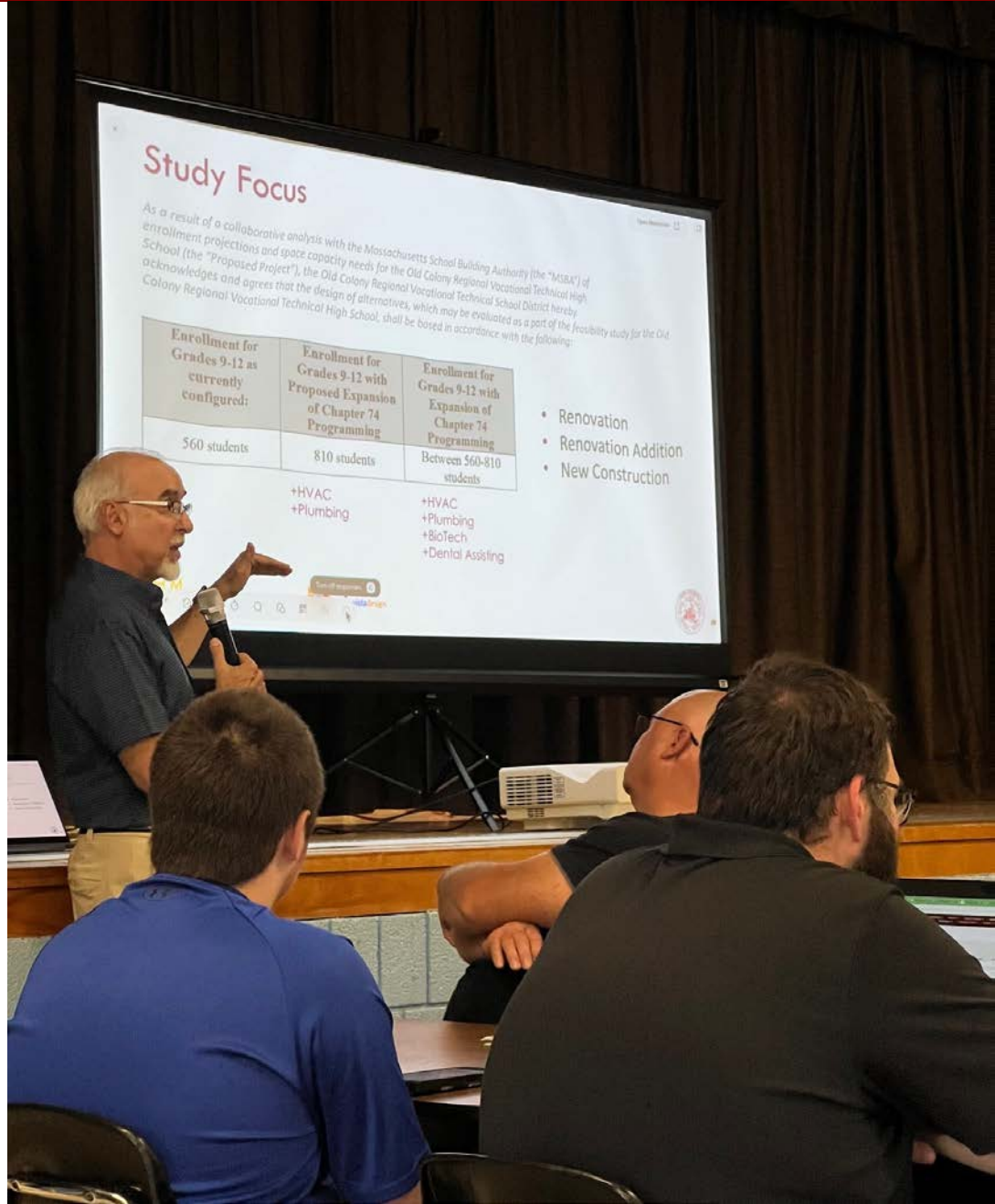
- Perspective
- Analysis
- Imagination
- Empathy
- Communication
- Commitment
- Humility
- Joy

National Association for Independent Schools

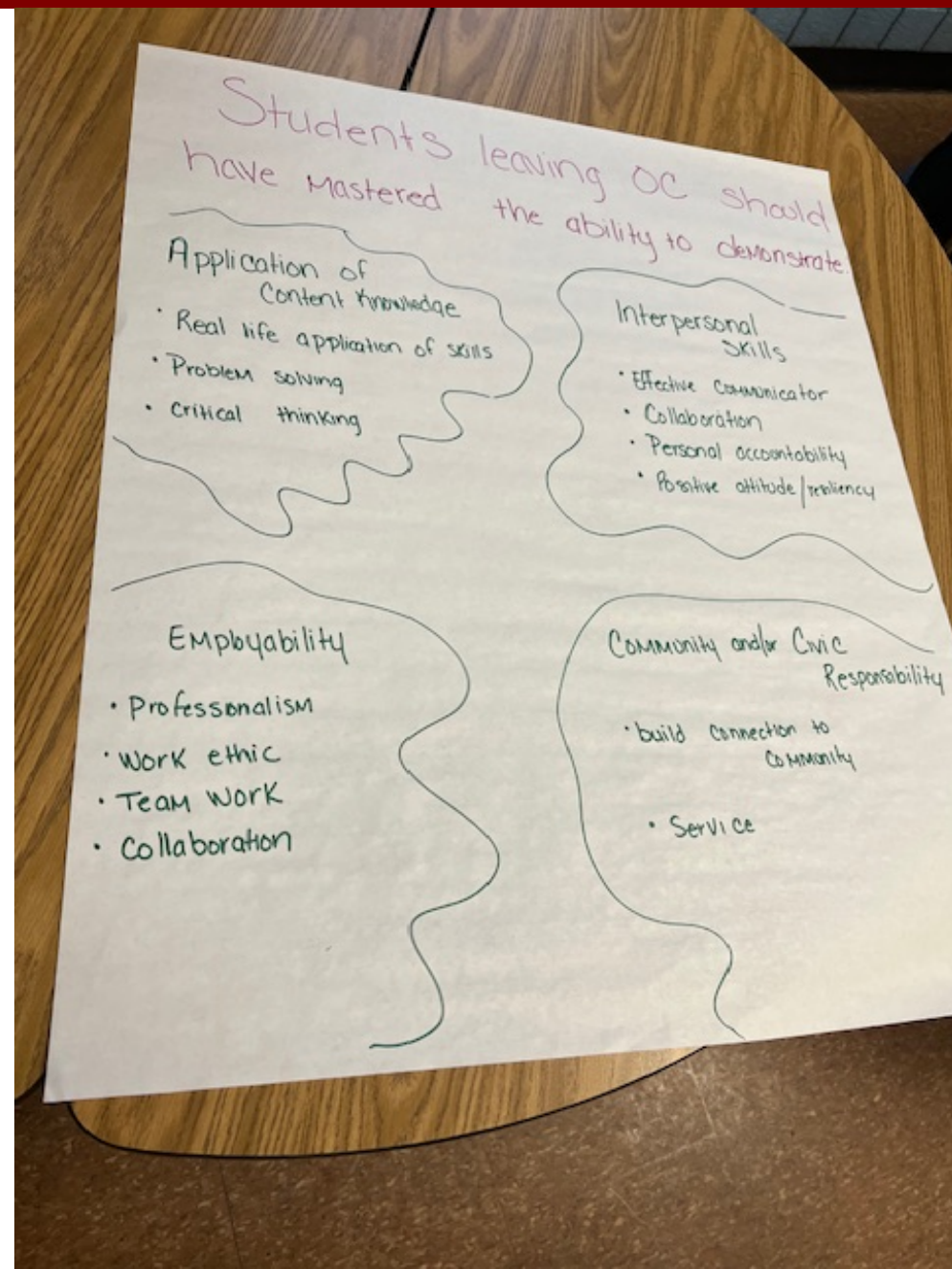
- Analytical and creative thinking and problem solving
- Complex communication - oral and written
- Leadership and teamwork
- Digital and quantitative literacy
- Global perspective
- Adaptability, initiative and risk-taking
- Integrity and ethical decision making



VISIONING SESSION #1 RECAP



VISIONING SESSION #1 PORTRAIT OF A GRADUATE



A DAY IN THE LIFE WITH TEACHERS/STAFF

Old Colony Regional Middle School

NO PARKING

NO PARKING

A DAY IN THE LIFE WITH TEACHERS & STAFF



A DAY IN THE LIFE WITH TEACHERS & STAFF



A DAY IN THE LIFE WITH TEACHERS & STAFF



SITE SELECTION

Old Colony Regional Middle School

NO PARKING

FIRE LANE NO PARK

SITE SELECTION DISCUSSION

476 North Avenue Existing Site:

- 72.5-acre parcel (School)
- 13.5-acre parcel (Athletic Fields)

Considerations:

- MSBA Ineligibles
 - Demolition of Existing Structures if Alt Site Selected
 - Replication of Necessary Athletic Fields over 10% MSBA Reimbursable Site Costs
 - Cost of Purchase of New Land / Associated Legal Costs
 - Potential Article 97 (Town of Rochester Parcel) – Potential Extension of Schedule
 - Schedule Extension Increases Escalation
 - Utility Connections on any Potential New Site
 - Sewer/Septic/Wastewater/Water/Gas/Electric
- Potential Concerns from Member Towns/Constituents
 - Avoided if Remaining on Existing Site
- Obtaining a Suitable ≈85-acre equivalent site



WATER DISCUSSION RECAP (6/4/24)

Old Colony Regional Middle School

THE LANE WAY

THE LANE WAY

RECAP OF 6/4/24 MTG

ATTENDEES:

PMA

Chad Crittenden
Walter Hartley

HMFH

Tina Stanislaski

Samiotos

(Civil)

Stephen Garvin
Drew Garvin

OCRVTHS

Aaron Polansky
Bob Souza

Jolene Costa
Shirley Bourque

Middleboro

Jay McGrail
Chris Peck

Mike Bumpus
Mike

Ohrenbeger

Rochester

Fred Underhill
Susan Szyndler

DISCUSSION

- Middleboro Spruce St. well is clean; below DEP allowances for PFAS, manganese, lead, iron, etc.
- Middleboro HS did not require treatment system
- North Ave Line is currently believed to be 12”
- Middleboro requires a Town meeting approval to amend the current MOU. Item is not urgent and would likely be Spring or Fall of 2025
- No Rochester residents tied in currently. No betterment option. Expectation would be that it is fully funded by OCRVTHS Project
- Water rate would be 1.5x Middleboro rate
- OCRVTHS current schedule tracking for later summer early fall 2025 decision

DOCUMENT

- Middleboro DPW/Water Dept. provided hydrant flow test from North Ave. Information was relayed to design/engineering
- Design/Engineering team to determine if there would be a need for fire pump
- A Draft MOU is being reviewed by design/OPM team
- PMA reaching out to obtain the current MOU with Rochester (AMH)
- Possible grant opportunities for funding up to 50% of new line install. Middleboro shared information with District.

UPCOMING

- Confirmation of spacing & quantity of hydrants & blowoffs from Middle DPW/Water Dept.
- Civil Engineer to review gas utility easement for possibility of shorter run and minimize impact to North Ave. Civil team to relay findings to HMFH/PMA
- Potential early bid package of Spring 2026 if this route is selected and project funded in Fall of 2025

An aerial photograph of a school building, likely Old Colony Regional Middle School, with a parking lot in the foreground. The image is dimmed to serve as a background for the text. A red horizontal line is positioned below the main text.

REVIEW OF SPACE SUMMARY & PROPOSED ENROLLMENT OPTIONS APPROVAL/VOTE

ENROLLMENT OPTIONS

Old Colony				
Proposed CTE Enrollment/ Shop sizes				
	# Teachers	Design Enrollments		
		572 (existing)	760	810
Arts & Communication Services Cluster				
Graphic Communication & Design	3	48	48	48
Business & Consumer Services				
Cosmetology	3	48	48	48
Business Technology	3	40	40	40
Construction Academy				
House & Mill Carpentry (Carpentry)	2	48	48	48
Plumbing (New)	3		48	48
HVAC (New)	3		48	48
Electrical Technology (Electricity)	3	48	72	48
Health Services				
Health Careers	3	56	56	56
Dental Assisting (New)	3			40
Hospitality Academy				
Culinary Arts	3	60	80	66
Information Technology Services				
Computer Science	2	40	40	40
Manufacturing, Engineering and Technological				
Metal Fabrications & Joining Technology	2	48	48	48
Electronics Engineering Technology	2	40	40	40
Machine & Tool Technology (advanced manufacturing)	2	48	48	48
Architecture & Engineering CADD	2	48	48	48
Biotechnology (New)	3			48
Transportation Academy				
Automotive Technology	2	48	48	48
Total Students	44	620	760	810

MSBA - STUDY ENROLLMENT CERTIFICATION

- Min 560 Students – Max 810 Students
- Low – 620 Students
 - Right size all existing programs to support current DESE enrollment numbers, no growth
- Medium – 760 Students
 - Adds two new programs
 - Plumbing (48 Students or 12 per grade)
 - HVAC (48 Students or 12 per grade)
 - Culinary (Grows to 80 Students or 20 per grade)
 - Elect Tech (Grows to 72 Students or 18 per grade)
- High – 810 Students
 - Adds four new programs
 - Plumbing (48 Students or 12 per grade)
 - HVAC (48 Students or 12 per grade)
 - Dental Assisting (40 Students or 10 per grade)
 - Biotechnology (48 Students or 12 per grade)
 - Culinary (Grows to 66 Students or 16 per grade)

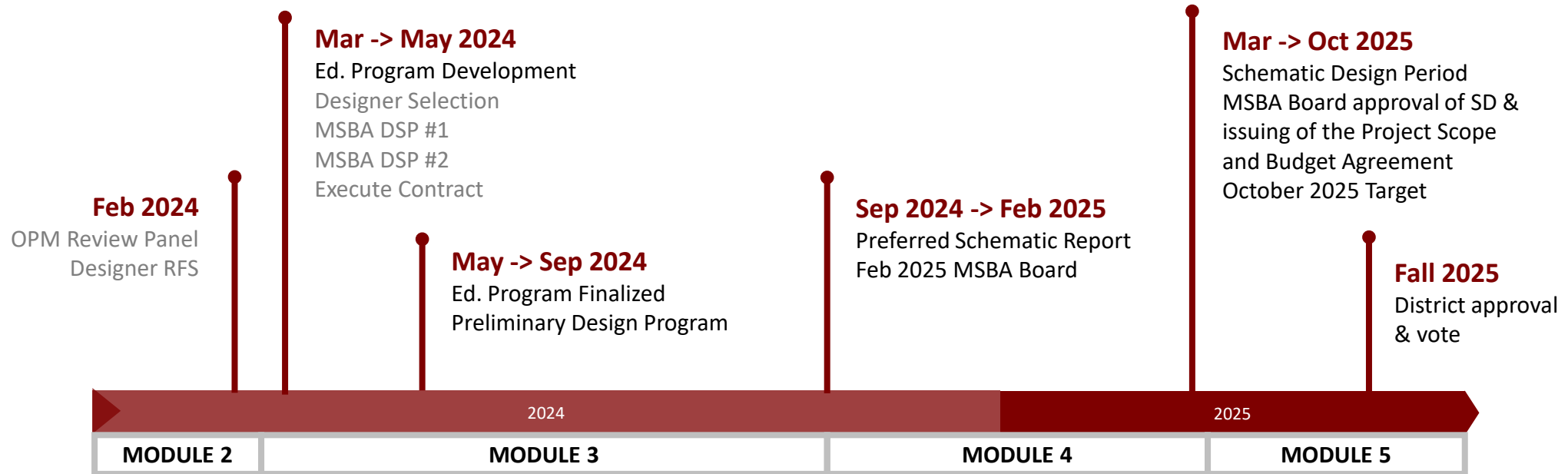
SCHEDULE & NEXT STEPS

Old Colony Regional Medical Center

NO PARKING

NO PARKING

PROJECT TIMELINE



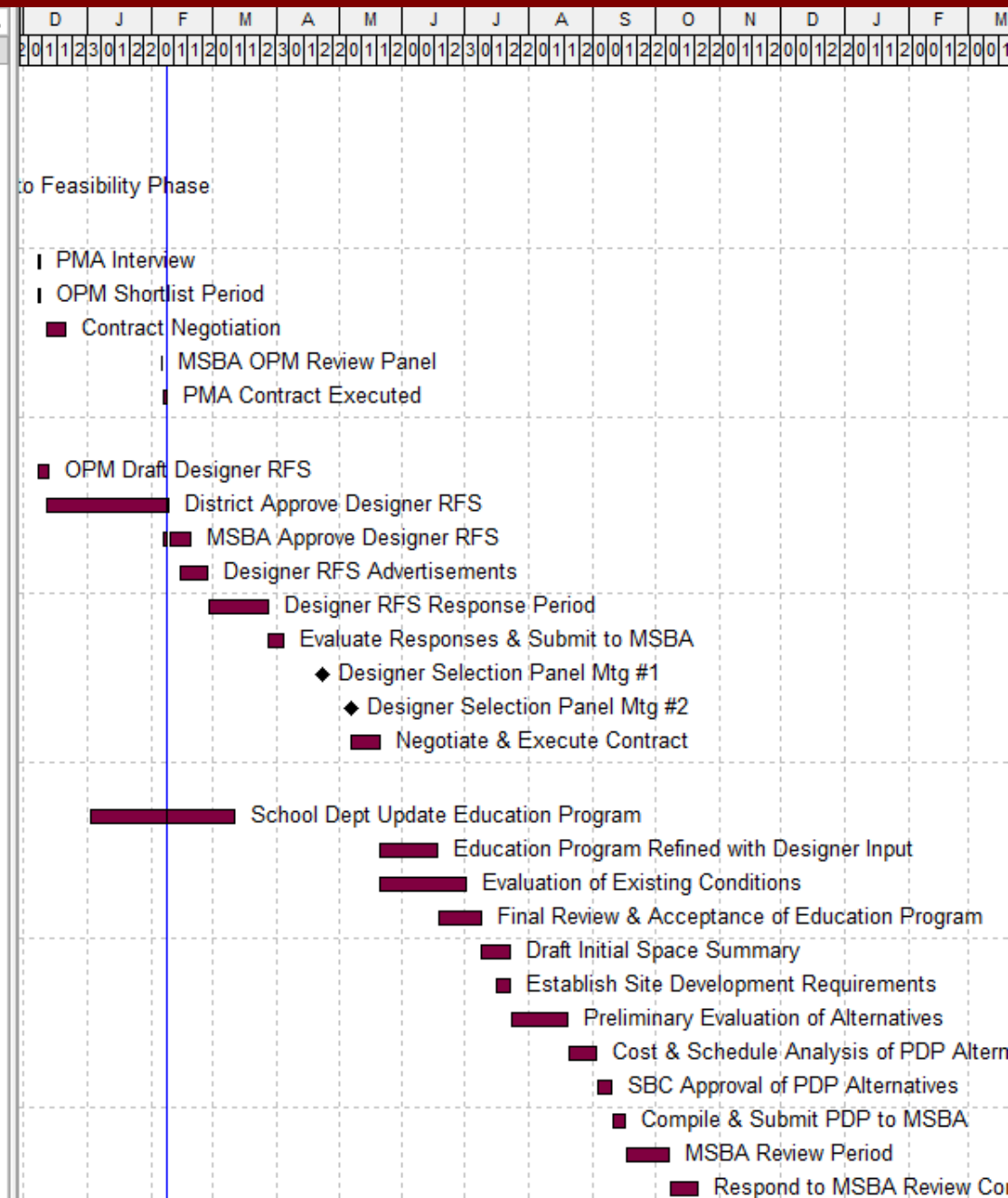

**YOU ARE
HERE**

TIMELINE KEY

Dates are Forecast based on an estimated MSBA Board Meeting schedule

PROJECT SCHEDULE

Activity ID	Activity Name	Original Duration	Start	Finish	Total Float
Old Colony Regional					
A2690	SOI Submitted to MSBA	1	26-Apr-21 A	26-Apr-21 A	
A2700	MSBA Invitation to Eligibility Phase	1	02-Mar-22 A	02-Mar-22 A	
A2710	MSBA Invitation to Feasibility Phase	1	30-Aug-23 A	30-Aug-23 A	
OPM Selection					
A1000	PMA Interview	1	08-Dec-23 A	08-Dec-23 A	
A1010	OPM Shortlist Period	1	08-Dec-23 A	08-Dec-23 A	
A1020	Contract Negotiation	7	12-Dec-23 A	20-Dec-23 A	
A1380	MSBA OPM Review Panel	1	05-Feb-24 A	05-Feb-24 A	
A1390	PMA Contract Executed	5	06-Feb-24 A	07-Feb-24 A	
Designer Selection					
A1030	OPM Draft Designer RFS	3	08-Dec-23 A	12-Dec-23 A	
A1430	District Approve Designer RFS	43	12-Dec-23 A	08-Feb-24	2
A1040	MSBA Approve Designer RFS	10	06-Feb-24 A	19-Feb-24	2
A1060	Designer RFS Advertisements	10	14-Feb-24	27-Feb-24	2
A1050	Designer RFS Response Period	21	28-Feb-24	27-Mar-24	2
A1070	Evaluate Responses & Submit to MSBA	6	28-Mar-24	04-Apr-24	2
A1080	Designer Selection Panel Mtg #1	0		23-Apr-24*	0
A1090	Designer Selection Panel Mtg #2	0		07-May-24*	0
A1100	Negotiate & Execute Contract	10	07-May-24	20-May-24	0
Preliminary Design Program					
A1110	School Dept Update Education Program	50	02-Jan-24 A	11-Mar-24	50
A1190	Education Program Refined with Designer Input	20	21-May-24	17-Jun-24	0
A1130	Evaluation of Existing Conditions	30	21-May-24	01-Jul-24	10
A1200	Final Review & Acceptance of Education Program	15	18-Jun-24	08-Jul-24	0
A1120	Draft Initial Space Summary	10	09-Jul-24	22-Jul-24	0
A1140	Establish Site Development Requirements	5	16-Jul-24	22-Jul-24	0
A1150	Preliminary Evaluation of Alternatives	20	23-Jul-24	19-Aug-24	0
A1210	Cost & Schedule Analysis of PDP Alternatives	10	20-Aug-24	02-Sep-24	0
A1220	SBC Approval of PDP Alternatives	5	03-Sep-24	09-Sep-24	0
A1160	Compile & Submit PDP to MSBA	5	10-Sep-24	16-Sep-24	0
A1170	MSBA Review Period	21	17-Sep-24	07-Oct-24	21
A1180	Respond to MSBA Review Comments	14	08-Oct-24	21-Oct-24	21



KEY DATES

- School Building Committee: Tuesday 5/7 6:00PM Since Last SBC
- School Committee Introduction: Wednesday 5/15 6:30PM
- Day w/ Faculty(User Group Mtgs): Monday 6/10 7:30AM-3:00PM
- Educational Visioning Session #1: Tuesday 6/11 12:00PM-3:00PM

- School Building Committee: Thursday 6/13 6:00PM Upcoming
- School Building Committee: Monday 7/8 6:00PM
- School Building Committee: Monday 8/5 6:00PM
- Educational Visioning Session #2: Tuesday 8/27 11:45AM-2:15PM
- School Building Committee: Monday 9/9 6:00PM
- Educational Visioning Session #3: Wednesday 9/11 11:45AM-2:15PM
- Preliminary Design Program: Tuesday 9/17, 2024 Target*

NEW BUSINESS

Old Colony Regional Medical Center

NO PARKING

NO PARKING



PMA Consultants

OldColony@PMAConsultants.com QUESTIONS? | THANK YOU!