

RSU 40

EEI Project Updates

Overview



Ph. 3 Project Development

Maine State Revolving Renovation Funds

High School Improvement Performance Contract

Ph. 3 Project Developmentt



Project	School
Septic System Replacement	MVHS
Oil Fired Boiler Replacement with LP Condensing and Mechanical Room Improvements	MVHS
High School Ventilation	MVHS
Replace Water Treatment System	MVHS
Window Replacement throughout Union	Union
Replacement of Ventilation System on basement level	Union
Upgrade valves and Controls	Miller
Controls Upgrade (removal of penuematics)	Union
Exterior Lighting– Summer 2025	Miller, Prescott and Warren
Noise Issue with Ventilation Unit (Insulation)- Spring/Summer 2025	Prescott
Replacement of Boiler Room	Prescott
Condensing Boiler Propane Conversion	Friendship
Electric Hot water Heater	Friendship
Boiler Room Upgrade and Propane Conversion	Warren
Friendship Controls Upgrade	Friendship
Ventilation Unit Replacements (end of life)	Miller
Replacement of Inoperable Gym Ventilation Unit	Friendship
Add Basement Ventilation	Friendship

2025 Project

2025 Spring Projects

Remaining to be evaluated for ph. 3

Revolving Renovation Fund Applications

- HS Water Storage Issues
- HS ADA Application
- HS Asbestos Abatement
- Union Basement Ventilation
- Friendship Gym Ventilation Replacement

Project Planning Timeline



Winter/Spring 2026
*Results of SRRF Funds
*Finalize Scope for HS Project
*Ph. 3 Project Development



Spring of 2026
*HS Performance Contract
begins to be introduced to
the communities through
Town Halls and Educational
forums.



Summer of 2026
HS Biomass Project
Construction completes
*Ph. 3 begins construction
*HS project begins finalization
of planning post June Vote



2026-2028
*HS Project finalizes
development and is
phased into construction
over 2 summers

Medomak Valley High School

Renovation Project





Novo Studio | Architects

Project Team



Anne Ketterer

Architect
K12 Design Expert



Steve Hebsch

Technical Leader
Building Code Expert

Our Locations



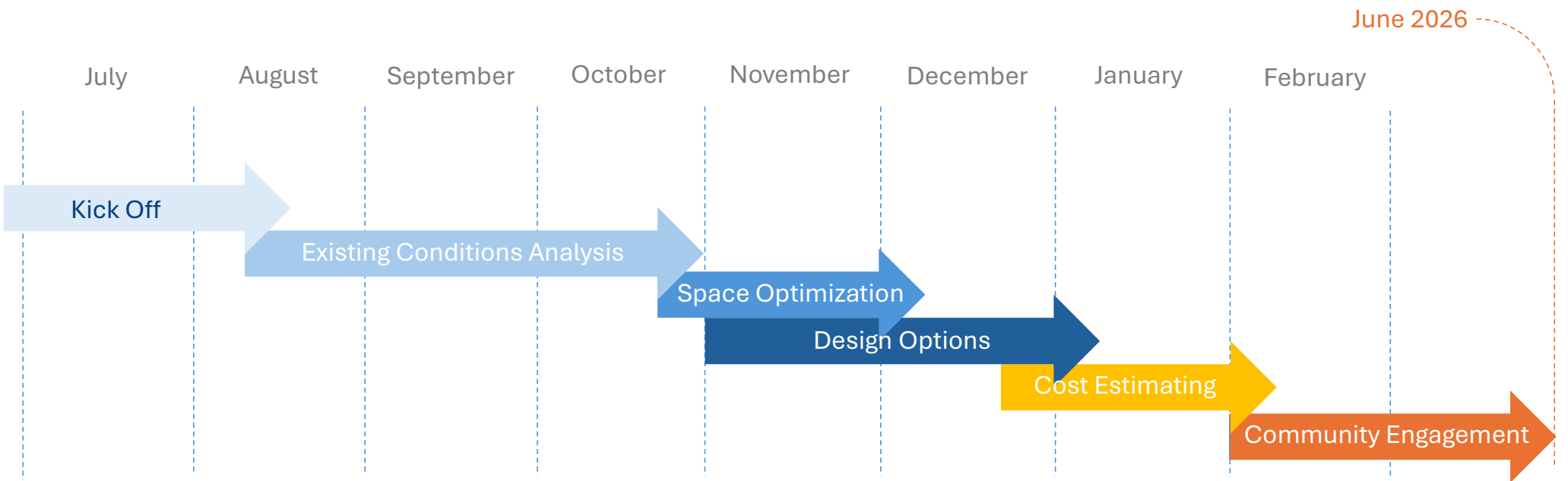
Manchester, NH



Owls Head, ME

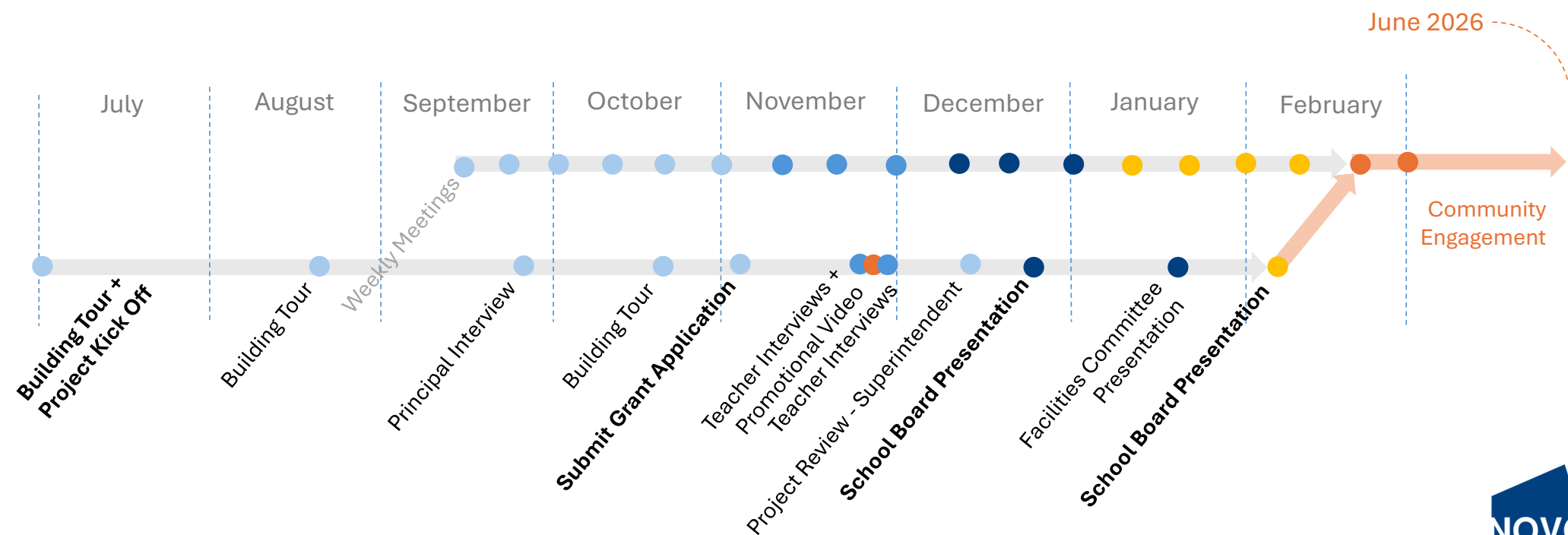


Process



Timeline

- Existing Conditions Analysis
- Space Optimization
- Design Options
- Cost Estimating
- Community Engagement



Findings



Define Project Goals



Existing Conditions Analysis

Hazardous Materials

- Presence of asbestos flooring
- Water tank needs arsenic treatment system

Safety & Security

- Missing Secure Entry Vestibule
- Missing sprinkler system
- ADA compliance issues (restrooms, science labs, administration, counseling suite)
- Seed program building in disrepair

Inadequate / End of Useful Life

- plumbing
- ventilation system
- heating and cooling system upgrade
- electrical system
- Science labs
- Student restrooms
- Locker Rooms
- Auditorium seating



Space Optimization

- Counseling Office is too small
- Art department is too large
- Special education department is scattered, spaces are inefficient
- Athletic program would benefit from additional gym space for team practices
- Athletic Team room is too small
- Existing locker rooms are too large
- Student resources are scattered and too small
- Special Education does not have a centralized department



Cost Estimating

- Focus on renovation of existing, no need for an addition
- Refine scope of work to meet project Needs vs project Wants
- **Identify project goals**
 - **Health and Safety**
 - **Educational Delivery for 21st Century Learning**

Project Goals

1. Health and Safety

Students and staff deserve a safe and healthy environment. The conceptual design focuses on addressing overdue issues of hazardous materials, code compliance and required systems upgrade.

Existing Conditions *Building Needs*

- Remediate Hazardous Materials
- Address Code Compliance Issues
- Update Building Systems Function
- Address Accessibility
- Provide Secure Entry

2. Space Optimization

The conceptual design for the renovation of the Medomak Valley High School was carefully done through extensive teacher input, building assessment and viewed through the lens of strategic long-term planning to ensure the district can meet the demands for 21st century learning environments.

Space Optimization *Student Needs*

- Student Resource Suite
- Centralized Special Education Department
- Renovate Science Labs
- Renovate Student Toilets
- Renovate Locker Rooms

3. Fiscally Responsible

The conceptual design addresses the building needs, focusing solely on scope items that directly address the project goals of Health, Safety, Security and 21st Century Learning Environments.

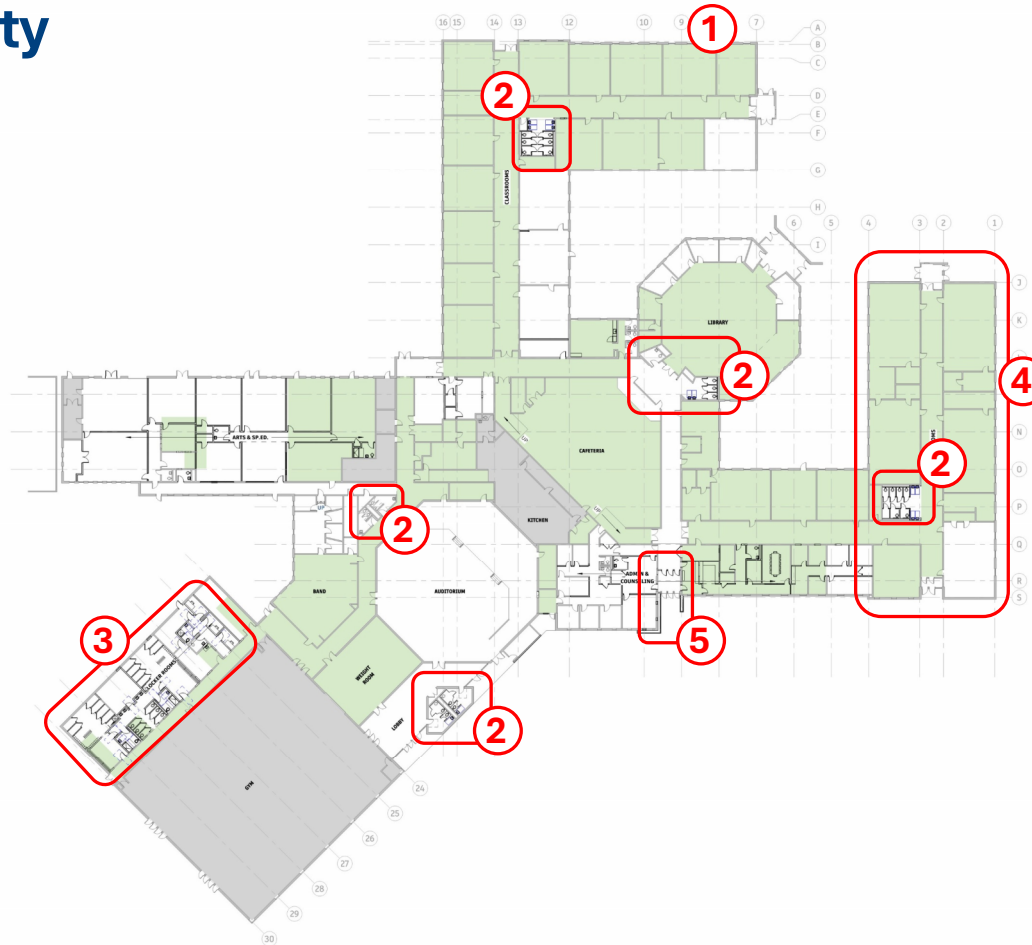
Project Budget *Community Needs*

- The Cost Estimating team will provide multiple options for the school board to consider
- The design will focus on the building and community NEEDS, not wants.

Designing to the Project Goals

Health & Safety

Existing Conditions
Areas of Concern



1. Flooring Remediation And Replacement
2. Restrooms Renovation
3. Locker Room Renovation
4. Science Lab Renovation
5. Secure Entry Vestibule

Cost Estimating

Performance
Contracting
Design Build Model

Cost Control



Q&A

