

Scituate Public Schools

Cushing - Hatherly Elementary School Project

School Building
Committee
Public Forum

February 15, 2023

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Agenda

Introductions

How We Got Here...
MSBA Process and
Schedule

What **Is** + What **Can Be**

Approach

Community Feedback

Stay Connected



Introductions

The Team



Scituate Public Schools



Massachusetts School Building Authority

Funding Affordable, Sustainable, and Efficient Schools in Partnership with Local Communities

School Committee

School Building Committee

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Owner's Project
Manager (OPM)

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Designer (Architect)



Who is the School Building Committee?

Robert Dutch, Finance Director, SPS; Chair SBC

Nancy Holt, Finance Director, Town of Scituate

Tony Vegnani, Chair Selectboard, Town of Scituate

James Boudreau, Scituate Town Administrator

Stephen Shea, Scituate Public Buildings Commission

Kevin Kelly, Facilities Director, Town of Scituate

Jerry Kelly, Scituate Advisory Committee

Nicole Brandolini, Chair, School Committee

Janice Lindblom, School Committee Member

William Burkhead, Superintendent of Schools

Julie Ward, Principal, Hatherly School

Scott Williams, Principal, Cushing School

Jonathan Burwood, Community Member

Jared Cianciolo, Community Member

Gregg Davey, Community Member

Jeff Halbig, Community Member

Matt Marino, Community Member

Andrew Scanzillo, Community Member

Bruce Marshman, Community Member

Community Members have specific experience with Education and/or Building Design & Construction

How we got here, Where we're going

MSBA Process and Schedule

How we got here...

Hatherly and Cushing Schools

- Both schools experience space deficiencies in their educational programs, particularly, special education, art, and music.
- Both have inappropriate space adjacencies: library, gymnasium
- Each school needs significant upgrades, including HVAC, plumbing, electrical, exterior windows and envelope, accessibility, etc.
- Both have temporary modular classrooms.
- **Hatherly** was determined to be in the most need of the four district elementary schools.



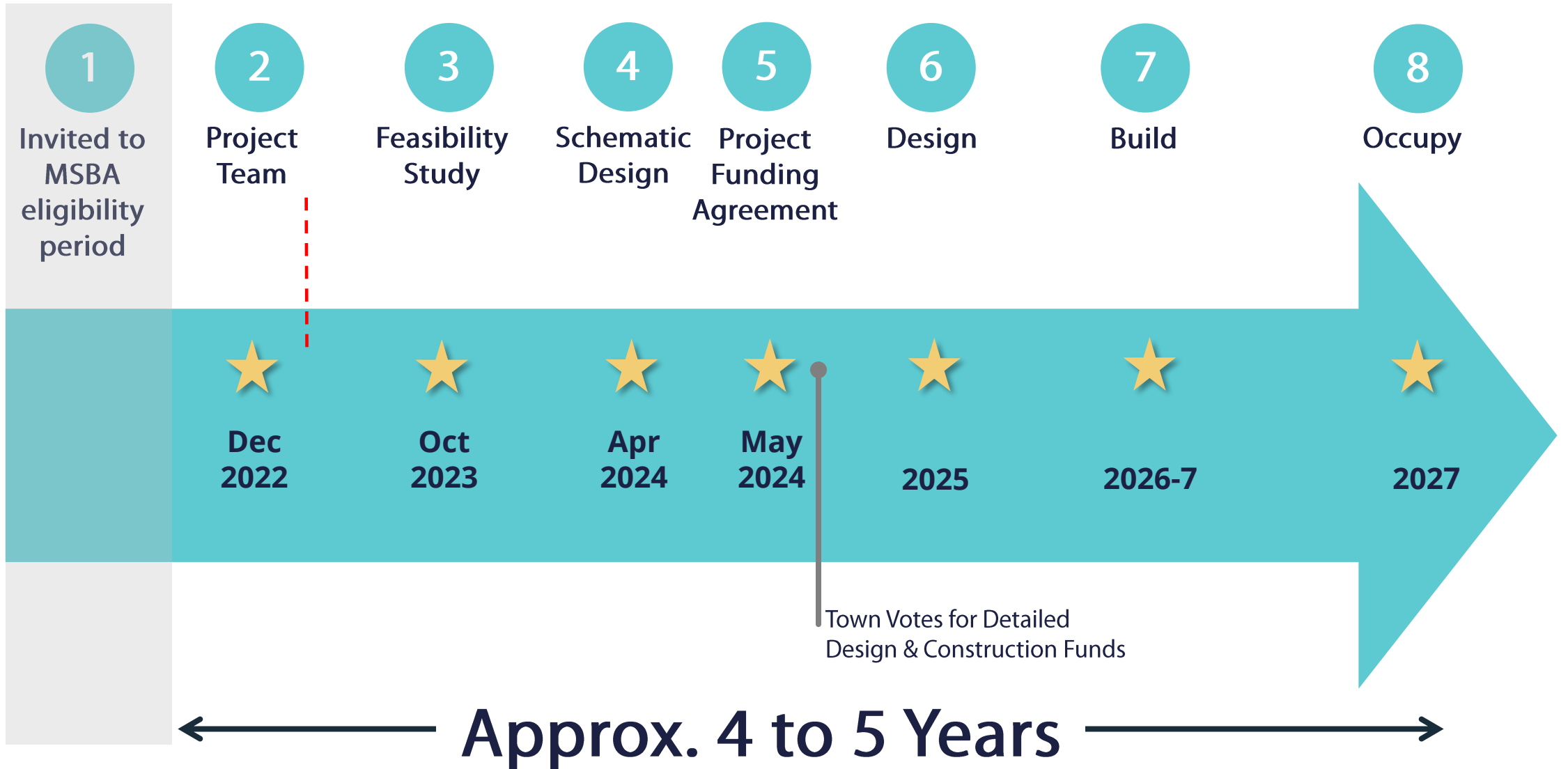
Hatherly Elementary School – 1962 (**61 yrs**)



Cushing Elementary School – 1964 (**59 yrs**)

MSBA Process

Where We're Going: **Step-by-Step**



MSBA Process

Where We're Going: Feasibility Study

3

Feb – May 2023

Community Input and Visioning Begins

Preliminary
Design Program

Existing Sites & Buildings

- Playgrounds, site circulation
- Traffic
- Structure
- Roofs, windows, walls, floors
- HVAC, electrical, plumbing
- Code, accessibility, security
- Sustainability

Facilities



Kick-Off

MSBA Process

Where We're Going: Feasibility Study

3

Feb – May 2023

Community Input and Visioning Begins

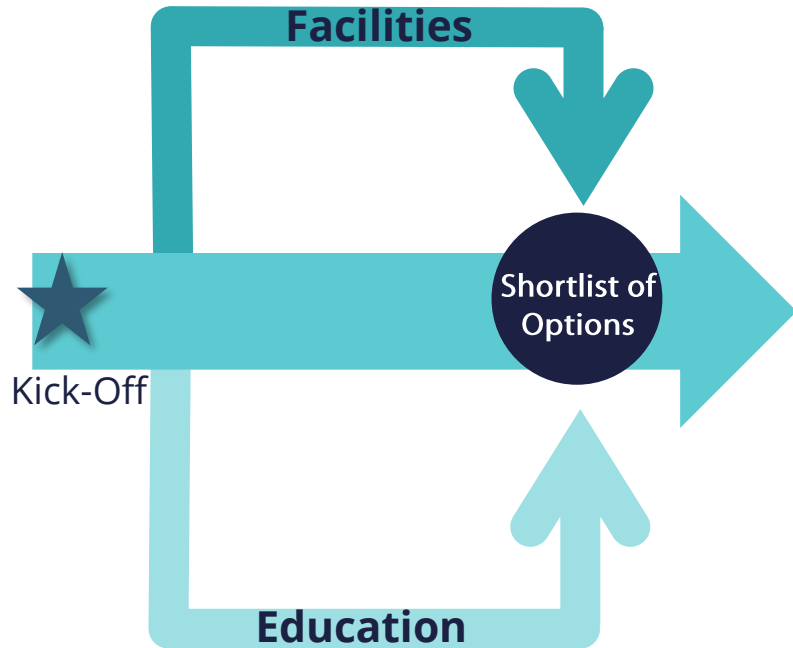
Preliminary
Design Program

Existing Sites & Buildings

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- Sustainability

Space Function - Education

- How are spaces used?
- Are spaces sized and located appropriate to function?
- Listening sessions
- Visioning sessions
- Principals' workshops
- Meet with faculty, parents, and students
- Community feedback



MSBA Process

Where We're Going: Feasibility Study

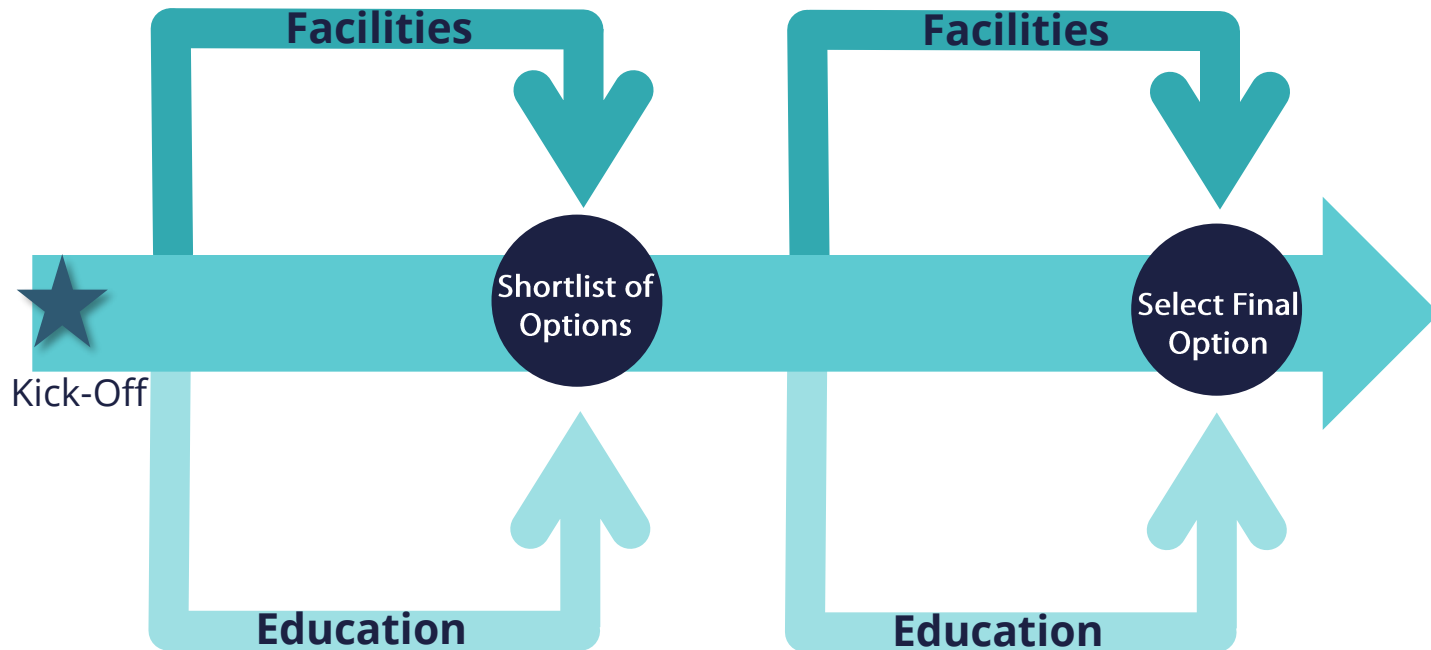
3

Feb – May 2023

Preliminary
Design Program

June – Aug 2023

Preferred
Schematic Report



Facilities and Education

- Narrow focus
- Compare each option
- Review cost estimates
- Analyze shortlist of options
- Submit final option to MSBA

- Meet with faculty, parents and students
- Community Input and Feedback

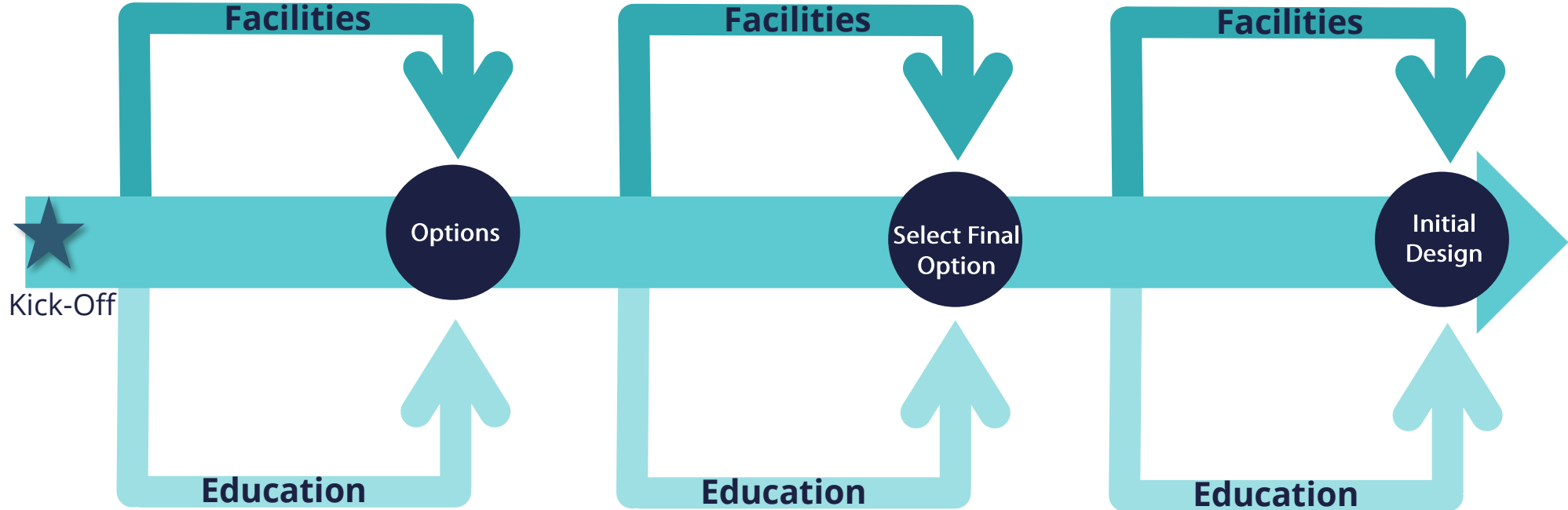
MSBA Process

Where We're Going: Schematic Design

3 Feb – May 2023
Preliminary
Design Program

June – Aug 2023
Preferred
Schematic Report

4 Sept 2023 – Apr 2024
Schematic
Design



Facilities and Education

- Develop design of selected option
- More analysis of site, building, costs, schedule and phasing
- Agree on reimbursement with MSBA
- Meet with faculty, parents and students
- Community Input and Feedback

MSBA Process

Where We're Going: Schematic Design

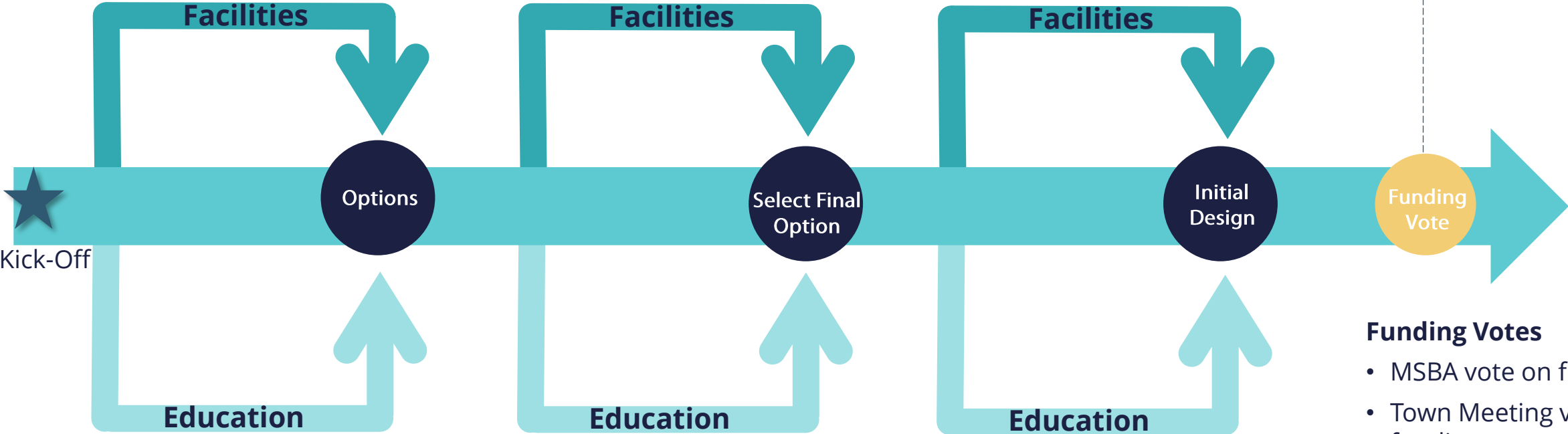


3 Feb - May 2023
Preliminary
Design Program

June - Oct 2023
Preferred
Schematic Report

4 Sept 2023 - Apr 2024
Schematic
Design

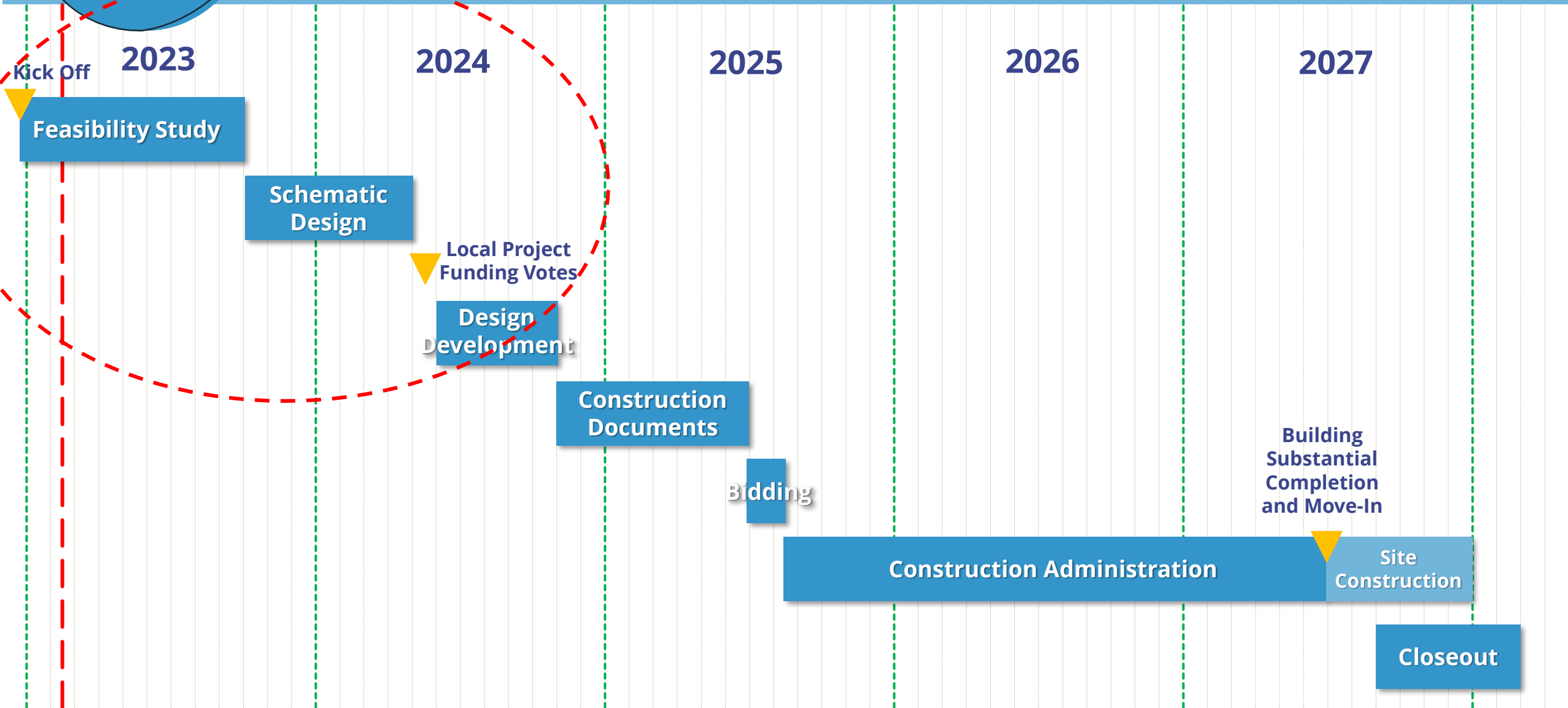
5 Apr - May
2024



- Funding Votes**
- MSBA vote on funding
 - Town Meeting vote on funding
 - Town Debt Exclusion Vote

Scituate
Hatherly -
Cushing
Elementary
School

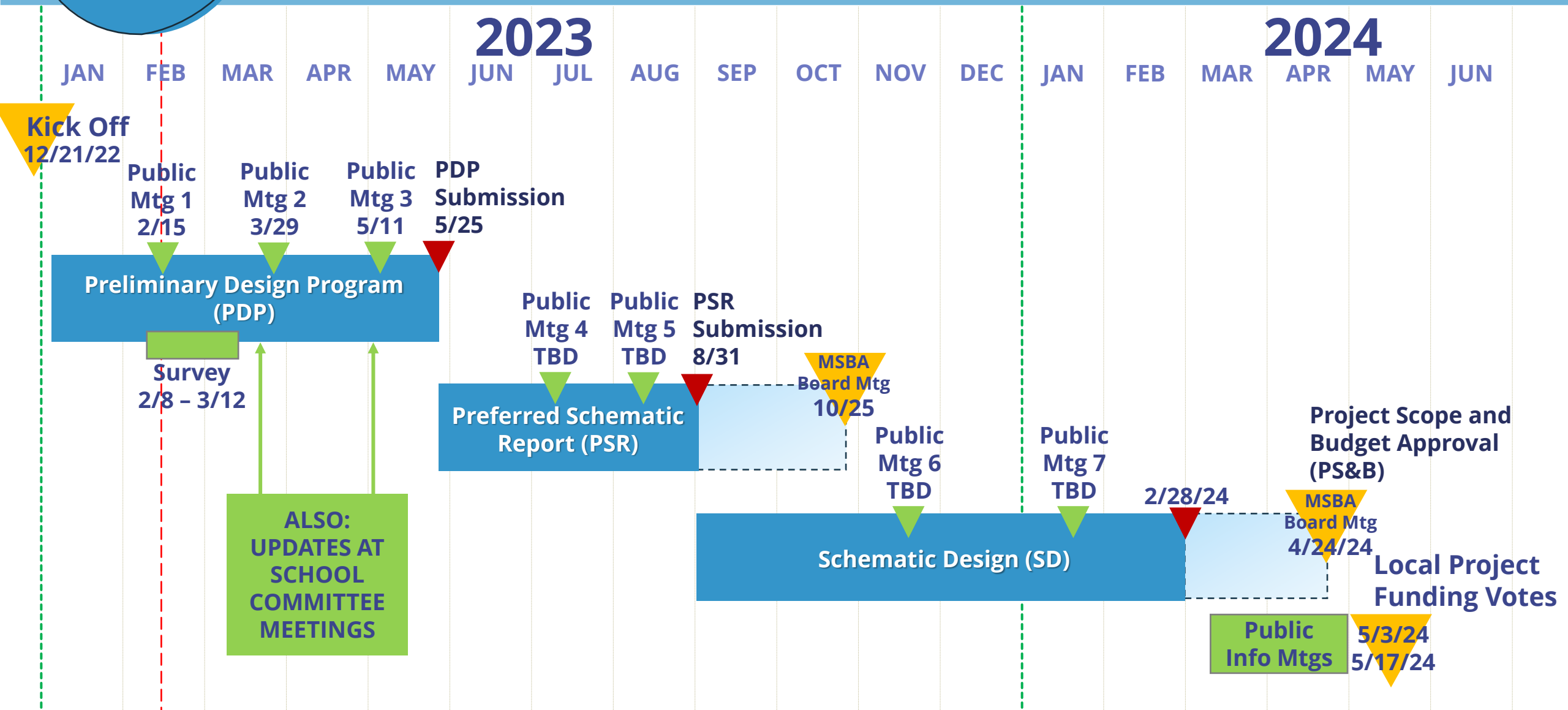
Overall Project Schedule



Scituate
Hatherly -
Cushing
Elementary
School

Feasibility Study– Schematic Design

Public Input Opportunities

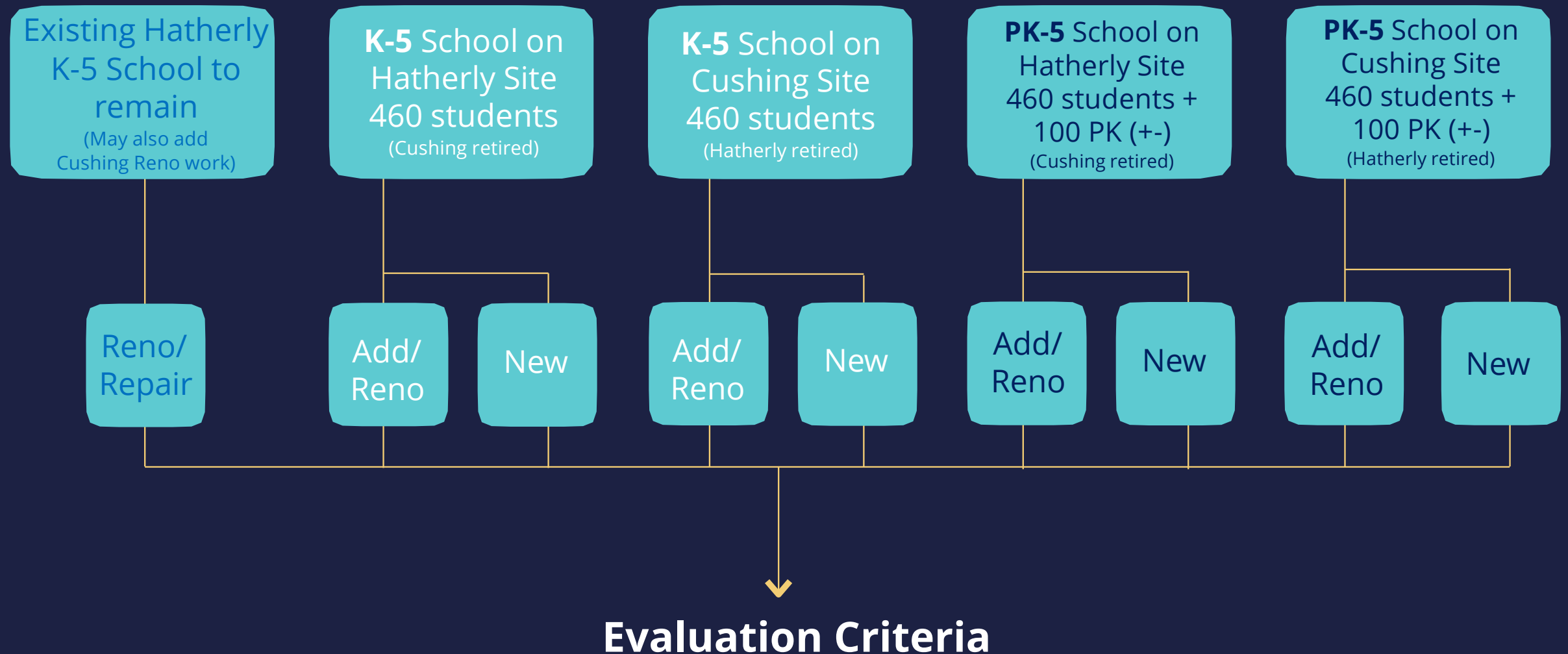


What is the project?



- A consolidated Grades K-5 school for 460 students
- Evaluate locating the school at both sites and pick the most advantageous site
 - Site plan factors
 - Community location
- Study including Pre-K space in the building.

Options To Be Studied



Option Evaluating Criteria

How Do We Decide?

Does it support **educational goals**, including **student health and wellness**?

What is the best **location on site** (approach, circulation, access to field, etc.)?

Which best supports **community use**?

Which is the least disruptive to students during **construction**?

What is the **impact** on bussing, traffic & transport, school programs, environment, etc.?

What are the **costs vs. value added** to students + community?

What is,
and what can be
Existing Conditions

Existing Conditions Assessment: What is

Hatherly (1962 - 61 yrs.) and Cushing (1964 - 59 yrs.)
are “twin schools”

- Nearly identical designs and installed components
- Very similar observations between the two buildings to a greater or lesser degree
- Maintenance has differed over the years, so some replaced components are different
- Neither building has had major upgrades
- Bottom line: both schools have great facilities needs



Existing Conditions Assessment: What is

No major red flags or dangerous safety conditions

	SITE & CIVIL	SITE ACCESSIBILITY/PLAY AREAS	EXTERIOR BUILDING ELEMENTS	INTERIOR ARCH ELEMENTS	ACCESSIBILITY	STRUCTURAL ELEMENTS	MECHANICAL SYSTEMS	ELECTRICAL SYSTEMS	PLUMBING SYSTEMS	FIRE PROTECTION SYSTEMS	HAZARDOUS MATERIALS	FUNCTIONAL USE OF SPACE	
Hatherly ES	●	○	●	●	●	○	●	●	●	●	●	●	24
Cushing ES	○	○	●	●	●	○	●	●	●	●	○	●	26



Existing Conditions Assessment: Hatherly Elementary School

Site Issues

- *One entry/exit*
- *Traffic congestion*
- *Difficult Circulation*
- *Inadequate Parking*
- *Paving Condition*
- *Accessibility issues*

Civil/Drainage

- *Poor drainage*
- *Stormwater standards*
- *Wet fields*



Existing Conditions Assessment: Hatherly Elementary School

Build 1962

Architectural Issues

- *Foundations*
- *Windows*
- *Panels around windows*
- *Envelope/ Insulation lacking*
- *Caulking brittle, cracked*
- *Modulars deteriorating – 20 yrs.*



Existing Conditions Assessment: Hatherly Elementary School

Architectural Issues

- *Roof membrane age, condition*
- *Lack of pitch to drains*
- *History of leakage*
- *Eaves and fascias*
- *Chimney deteriorated*
- *Lack of roof insulation*
- *Deck structure not suitable for alterations*



Existing Conditions Assessment: Hatherly Elementary School

Interior Issues

- *Lack of temperature control*
- *Drafty, leaky envelope*
- *Tired, worn interiors*
- *Dingy ceilings around air grilles*
- *Accessibility Issues*
- *Library & Gym location*
- *VAT present, stable condition*
- *Structural upgrades required if renovated*



Existing Conditions Assessment: Hatherly Elementary School

Mechanical Issues

- *Outdated, mixed controls*
- *No BMS*
- *Aging, inefficient steam boilers*
- *Gas fuel*
- *Leaking pipes*
- *Original unit ventilators*
- *Aging AHUs*
- *Window AC units*
- *Lack of mech. ventilation*
- *Direct exhaust fans added*



Existing Conditions Assessment: Hatherly Elementary School

Electrical Issues

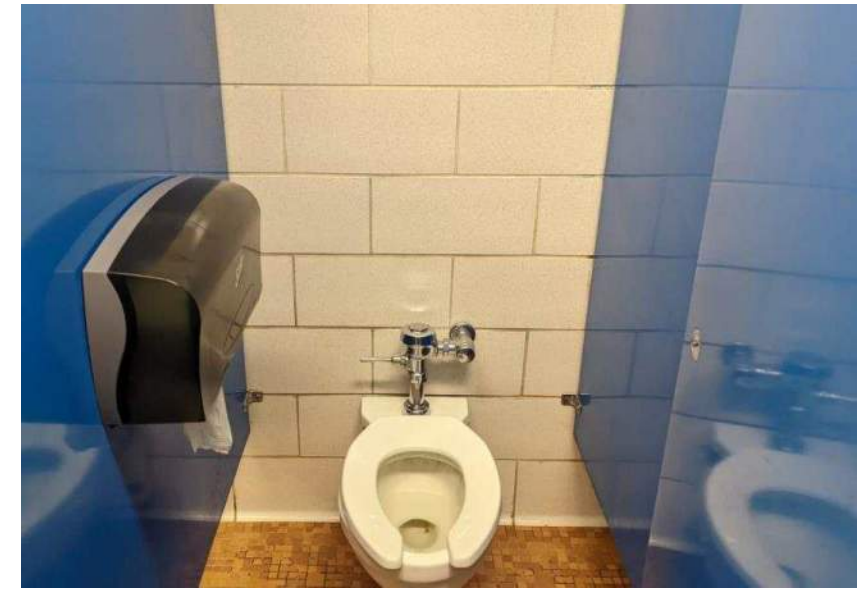
- *Original electrical switchgear - systems not suitable for renovation*
- *Few spare breakers*
- *Lack of outlets, lots of power strips in use*
- *Newer generator*
- *Some newer LED; some older, inefficient lighting*
- *No lighting controls*
- *Fire alarm system does not meet present-day code*



Existing Conditions Assessment: Hatherly Elementary School

Plumbing Issues

- *Original plumbing fixtures – not water-efficient*
- *Many fixtures and faucets not accessible*
- *Water quality issues – building filtration needed*
- *Gas piping lacks solenoid in kitchen*
- *Newer gas water heater*
- *Piping generally past useful life*
- *Kitchen lacks interior grease traps*



What is



Hatherly Elementary School - Library

What can be



Sunita L. Williams Elementary School - Library

What is



Hatherly Elementary School - Corridor

What can be



S.L. Williams Elementary School - Extended Learning

What is



Cushing Elementary School - corridor

What can be



Woodland ES, Milford Extended Learning SMMA Architects

What is



Cushing Elementary School - Cafeteria

What can be



Northbridge Elementary School Cafeteria

What is

What can be



Cushing Elementary School - Classroom



West Parish Elementary School

Community Values

Your vision



How do we integrate
your **vision +**
educational program
into the design process?

Design Feedback Loop

Presenting:
Putting ideas out for discussion
Providing information

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Elementary School
Project

Responding:
Incorporate input into
the creative product
Iterative design process

Listening:
Public meeting input
Visioning sessions
Programming discussions
Documenting



Community Values we've heard so far:

- Flexible
- Cost effective
- Includes and serves all learners
- Student-centered
- Connection to nature
- Conservation-minded



Community Feedback

Tell us your thoughts

Break Out Session

Consider, Discuss, Report Out

- What are you most excited about?
- How would you define a successful process?
- What features should this project consider?
- What questions or concerns do you have?



Mentimeter:

Digital platform for discussion
and feedback

Scan this QR code with your device and
provide your feedback digitally, privately, and
anonymously.

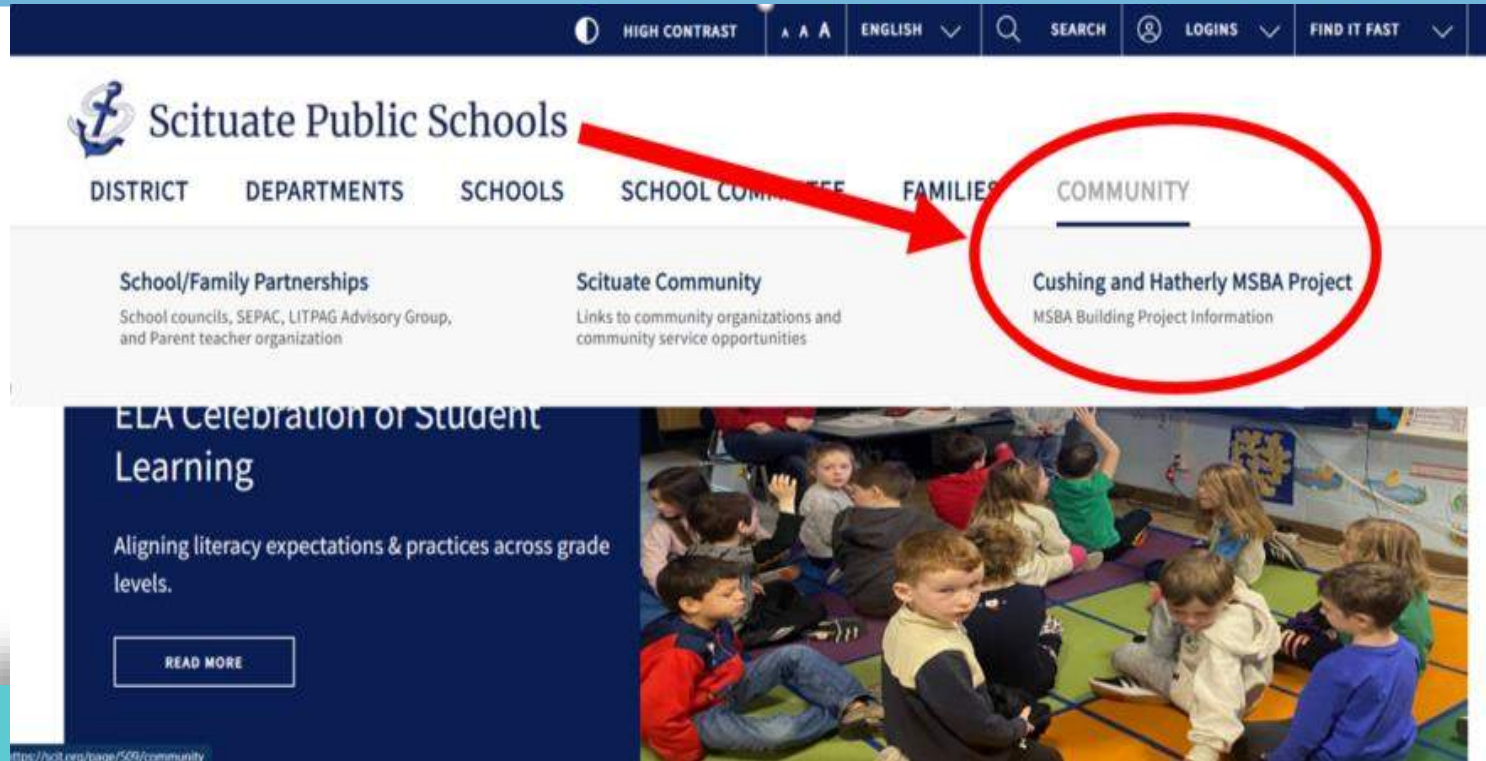
Or log on to the website:

<https://www.menti.com/aldbz9uuyxwx>

Voting code:

3476 8465

Stay Connected



Cushing-Hatherly Project Web Page - hover over Community

<https://scit.org/page/2886/cushing-and-hatherly-msba-project>

School Committee Meeting – Project Update

March 27 at 6:00 PM

School Building Committee - Public Forum 2

March 29 at 6:30 PM

School Committee Meeting – Project Update

May 1 at 6:00 PM

School Building Committee - Public Forum 3

May 11 at 6:30 PM

What else should we consider as we begin this process?



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Thank you.