

Bristol Warren Regional School District RIDE Necessity of School Construction





SCHOOL BUILDING COMMITTEE | 06.20.2024

AGENDA

BRISTOL WARREN REGIONAL SCHOOL DISTRICT

SCHOOL BUILDING COMMITTEE MEETING

Mt. Hope High School - Cafeteria 199 Chestnut Street Bristol, RI 02809

Thursday, June 20, 2024 7:00PM https://www.youtube.com/@bwrsdri

AGENDA

I. OPEN MEETING

II. PUBLIC COMMENTS

III. DISCUSSION AND/OR POSSIBLE ACTION

- A. Approval of 5/30/24 Meeting Minutes VOTE
- B. General Project Update
 - 1. Recap: Projects, Reimbursement Eligibility, District Share and Incentive Pts
- C. Design Updates
 - 1. MHHS Updates
 - a) MHHS Interiors Update
 - b) MHHS Exteriors Discussion
 - 2. CIP Updates
 - a) Rockwell Drainage EBP
 - b) Warren Pre-Planning Application Review
 - Discussion: Orchard St Bollards @ KMS
- D. Budget Updates
- E. Project Schedule / Next Steps

I. ADJOURNMENT

STAGE III PROGRESS UPDATE

08May24 - DD User Group Meetings 09May24 - SBC Meeting 09May24 - DD User Group Meetings 09May24 - AE/OPM Coordination Meeting 13May24 - School Committee 16May24 - District Office Design Review Meeting 23May24 - MHHS Security Review 23May24 - AE/OPM Coordination Meeting 30May24 - School Building Committee	Last SBC meeting
30May24 - AE/OPM Coordination Meeting 31May24 - RIIB Intro Meeting 06Jun24 - MHHS Fiber Review Meeting 06Jun24 - AE/OPM Coordination Meeting 10Jun24 - School Committee 11Jun24 - Meeting with Teachers Union 13Jun24 - AE/OPM Coordination Meeting 20Jun24 - AE/OPM Coordination Meeting	Upcoming
 20Jun24 - School Building Committee 24Jun24 - School Committee 18Jul24 - School Building Committee 22Jul24 - School Committee 19Aug24 - School Committee 	

GENERAL PROJECT UPDATE

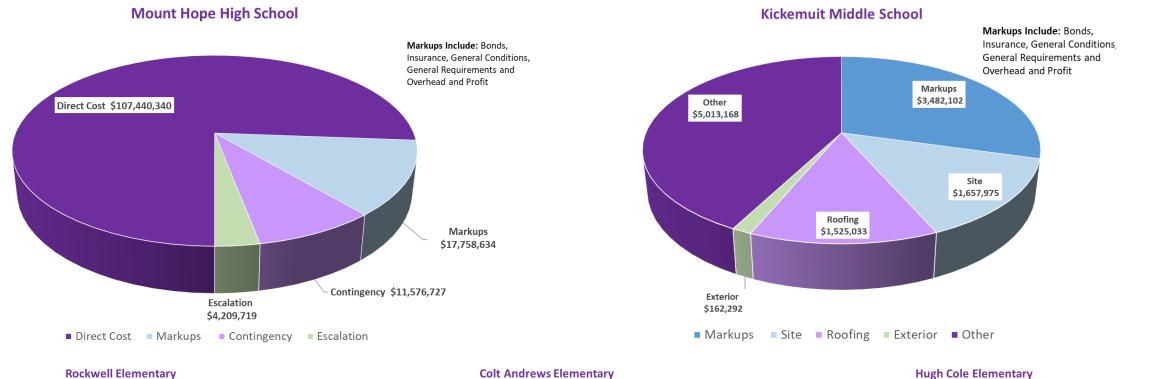


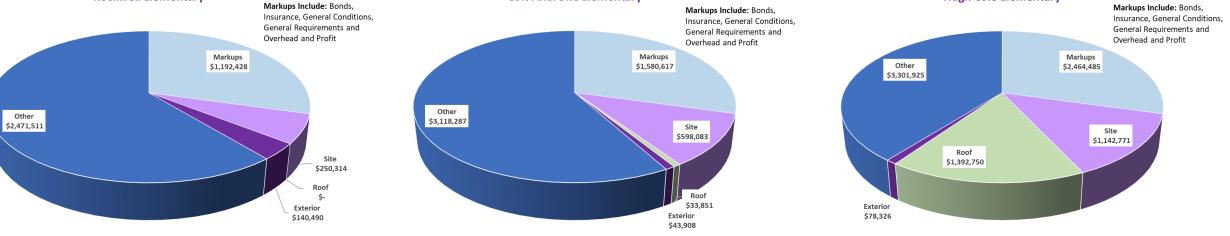




QUESTION: LIST OF PROPOSED PROJECTS

CURRENT PROJECTS & COSTS





PROJECT BREAKDOWN - MHHS

- Construction of a new 167K SF New 2-Story High School (no basement)
 - MHHS Educational Programmatic Spaces
 - 3 Court Gymnasium
 - Auditorium
 - Career Tech Shops
 - Media Center/Library
 - Cafeteria
- Site Improvements
 - New Synthetic Turf Athletic Field
 - New Softball Field
 - New Tennis Courts
 - Stormwater and Silver Creek Improvements
 - Site lighting
 - Site plantings
 - Traffic Loop and Drop Off/Pickup Area
 - New Parking

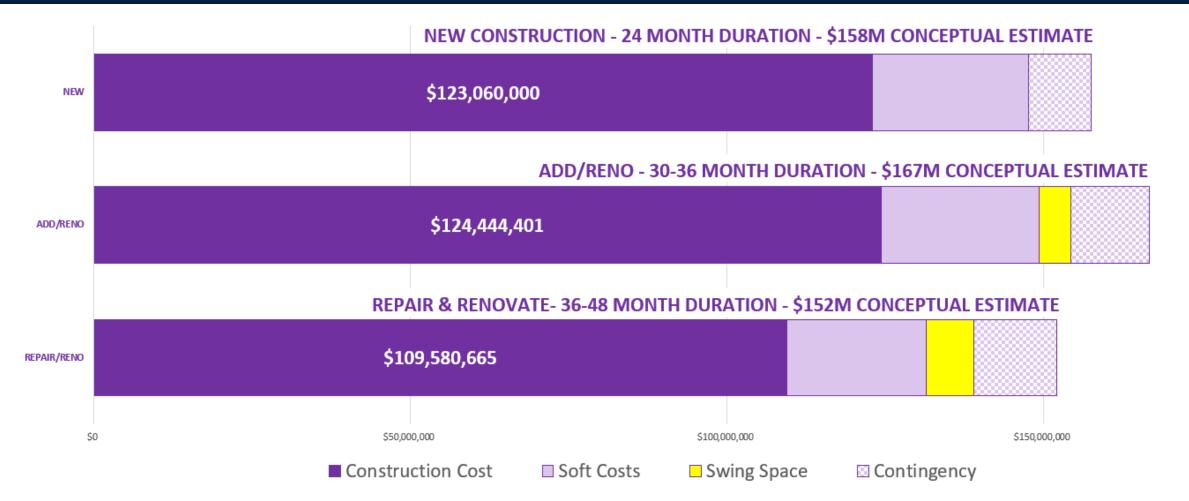
MHHS ADD ALTERNATES

UPDATED TO MATCH

DD PRICING SET

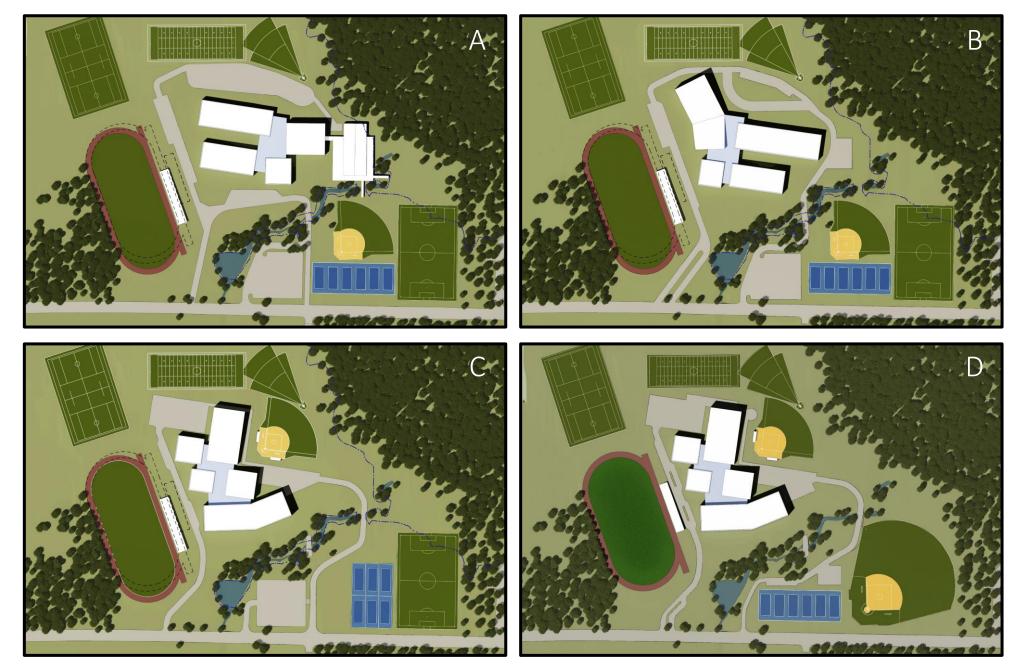
- ADD IRRIGATION ZONES FOR SOFTBALL AND PRACTICE FOOTBALL FIELDS.
- ADD PREFAB STORAGE SHEDS •
- ADD BASEBALL FIELD INCLUDING SITE WORK, IRRIGATION, FIELD, FENCING, BACKSTOPS, DUGOUTS, BULLPEN, SCOREBOARD AND TOILET BUILDING.
- ADD PRESS BOX AND GRANDSTAND AT SOFTBALL FIELD. ADD PRESSBOX AND BLEACHERS AT BASEBALL FIELD.
- ADD NEW ATHLETIC TRACK INCLUDING SITE WORK, COMPETITION SPORTS TRACK, POLE VAULT, HIGH JUMP, LONG/TRIPLE JUMP, LIGHTING ADJ. TRACK, PRESSBOX AND GRANDSTAND BLEACHERS.
- ADD LIGHTING AT TENNIS COURTS
- ADD SEAT WALLS IN OUTDOOR LEARNING COURTYARDS. (75% CARRIED IN BASE)
- INCREASE PLANTINGS AND SHRUBS (50% IN BASE DESIGN)
- CHANGE CURBING FROM PRECAST CONCRETE TO VERTICAL GRANITE CURBING •
- UTILIZE FULL GEOTHERMAL SYSTEM REPLACE 100% OF AIR SOURCE WITH GEO-THERMAL WELLS

MOUNT HOPE HIGH SCHOOL - CONCEPT COST ANALYSIS



CONCEPTUAL COSTS – FOR COMPARISON OF OPTIONS <u>ONLY</u> [ARCHIVED SLIDE FROM NOVEMBER 2023] MHHS STAGE III SD CONSTRUCTION ESTIMATE: \$113.9M

New High School Design Options



PROJECT BREAKDOWN - KICKEMUIT

- Drainage Upgrades around the site/parking lot
- Demolition of existing sidewalks to the limit shown
- New sidewalks to the extent shown
- Mill and resurface pavement area to the limit shown
- Concrete / Bituminous curbing at new landscape islands
- New bike racks
- New partitions to accommodate the revised floor plan
- Remove and replace roof where shown
- New lighting, flooring, painting where needed to meet revised floor plan
- Some new Exterior Lighting
- Scrape and painting doors and frames where shown
- Replace doors and frames where shown
- New handrails where shown TBD
- New water fountains where shown
- Modify HVAC system to accommodate revised floor plan

- New exhaust fans to accommodate revised floor plan
- New exhaust fans to replace all
- Raise all existing RTU/HV units as required for new roof
- Revised and updated plumbing to accommodate new floor plan Replace roof drains where needed modify others as needed
- Update fire protection and sprinkler system to accommodate revised floor plan
- New electrical panels and feeders
- New FA devices and power receptacles to support revised floor plan
- New main electrical service, new switchgear, and transformer
- New lighting to support revised floor plan
- New wiring for HVAC units as needed
- Gazing security film at entries

- ADA Compliant Drinking Fountains
- Fire Extinguisher Cabinets
- Door Openers
- New Accessible Doors ADA Complaint Toilet rooms
- New plumbing in toilet rooms
- New Ceiling at Music room
- Reinstall ceilings where new partitions are constructed
- Relocate AHU to exterior roof and repair interior walls and ceilings
- New ductless splits
- Minor HVAC modifications in other areas for revised floor plan
- Replace all exhaust fans
- Minor Fire Protection/Sprinkler relocation to accommodate revised floorplan
- New RTU to serve cafeteria
- New insulation for piping

- New lighting for revised floor plan
- Electrical work necessary to provide power for all new work and revised floorplan
- Minor Acoustic Wall Treatments
- Minor painting where needed
- New TPO roofing (not entire area, only where shown) and roof accessories
- Demolish one of the play areas, new chain link fence, replace play area
- Mill and resurface pavement (not entire pavement area)
- New concrete sidewalks (not full replacement, only where shown)
- New Plantings/Trees
- Central administration fit-out
- Gazing security film at entries

PROJECT BREAKDOWN - COLT ANDREWS

- Bleacher repair
- New 695sf of membrane roof
- Misc drywall work
- New guard rail at bleachers
- New handrails
- New tac and white boards in misc. areas
- 2 new single bathrooms
- Painting walls
- ACT in speech and reading
- Replace backflow preventer

- 2 water closets, 2 lavatories, 2 sinks
- New fixture rough ins
- Gas connections to new boilers at Andrews
- New central plant equipment
- Terminal HVAC Equipment
- Electrical upgrades
- Equipment wiring / feeds
- Fire alarm upgrades
- Gazing security film at entries

PROJECT BREAKDOWN - ROCKWELL

- Exterior doors
- Exterior maintenance work
- Replacement of rotted wood paneling
- Joint sealants
- Doors, frames, hardware upgrades
- Paint where indicated
- Interior partitions
- Millwork, signage
- Flooring and base at select locations
- Cupula repairs

- Ceilings at select locations
- Plumbing upgrades
- Plumbing equipment upgrades
- HVAC upgrades, boilers, piping, unit ventilators
- Fire protection updates
- Electrical upgrades, feeders
- Cabinets at select locations
- Minor Playground improvements
- Stormwater upgrades



DISCUSSION: LIST OF PROPOSED PROJECTS



QUESTION: COSTS NOT COVERED BY 83% REIMBURSEMENT

RIDE UPDATE

SCHOOL BUILDING AUTHORITY at the Rhode Island Department of Education









For the RIDE school facilities assessments, project costs per square foot were developed based ona review of a variety of school project cost data from completed Rhode Island projects, similar Massachusetts and Connecticut K-12 schools, and national square foot school cost publications. As the determination of a single square foot cost for each school type is variable, due to its location geographically (suburbs versus city), varying site conditions, un-predictable economic influences, etc., the square foot costs reflect total project costs per square foot for the representative school type.

COST PER SQUARE FOOT

School Cost

The total project square foot costs assumed 2023 economics and a hard bid (lump sum) environment. Focused on the low bidder's bid, these costs include a 20% allowance for all project soft costs and are in line with RIDE School Construction Regulations (5/24/07) regarding eligible project costs:

- Elementary School: \$564/sf
- Middle School: \$592/sf
- High School: \$628/sf

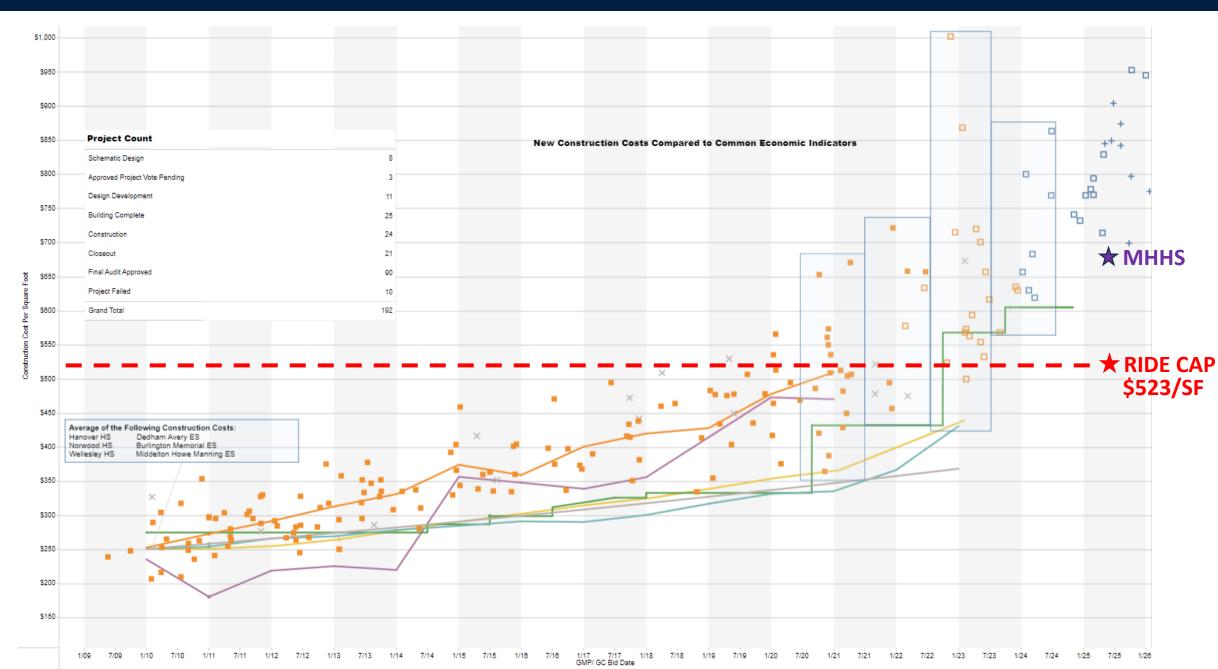
COST PER STUDENT

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Combining furniture, fixtures, and equipment (FF&E), and technology (IT) into one total budget provides the most flexibility to each district. The FF&E and IT allowances assumes an ES of 75,000 sf with 350 students; a MS of 120,000 sf with 675 students; and a HS of 175,000 sf with 890 students. The following per student budgets for FF&E and IT budgets are:

- FF&E: \$2,100 /student
- IT: \$3,000/student

REGIONAL MARKET CONSTRUCTION COST DATA: K-12 \$/SF





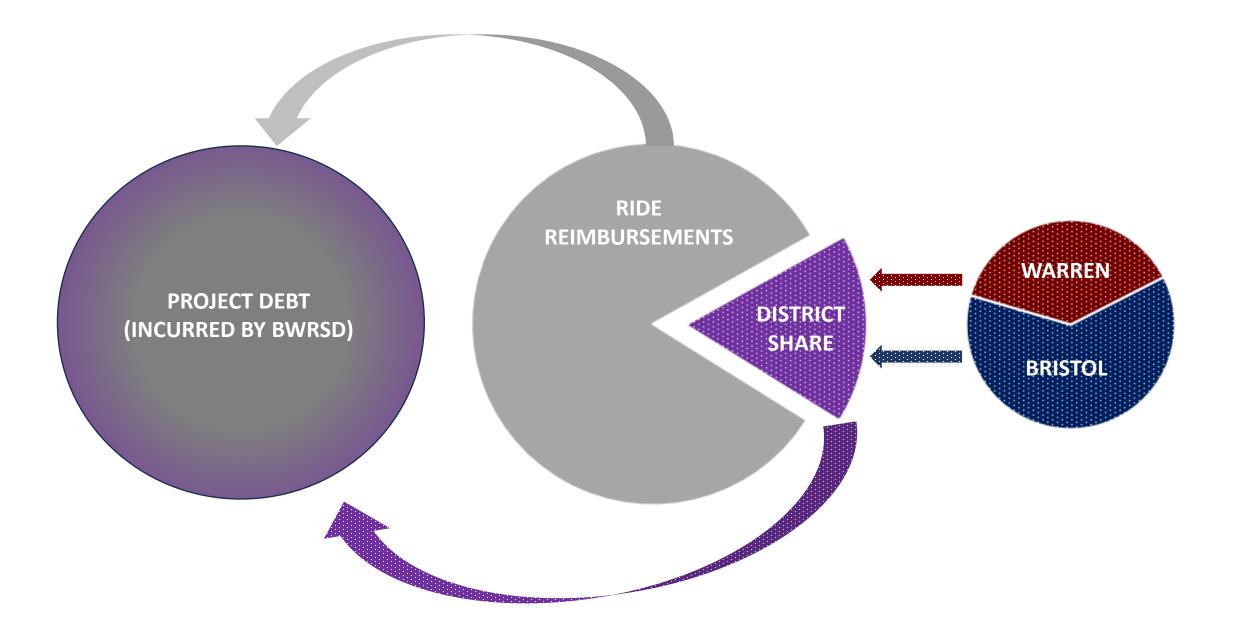
DISCUSSION: COSTS NOT COVERED BY 83% REIMBURSEMENT

DISTRICT SHARE (TAXPAYER) COSTS OF PROPOSED PROJECT

QUESTION:

QUESTIONS/TOPICS

REIMBURSEMENT FLOW CHART



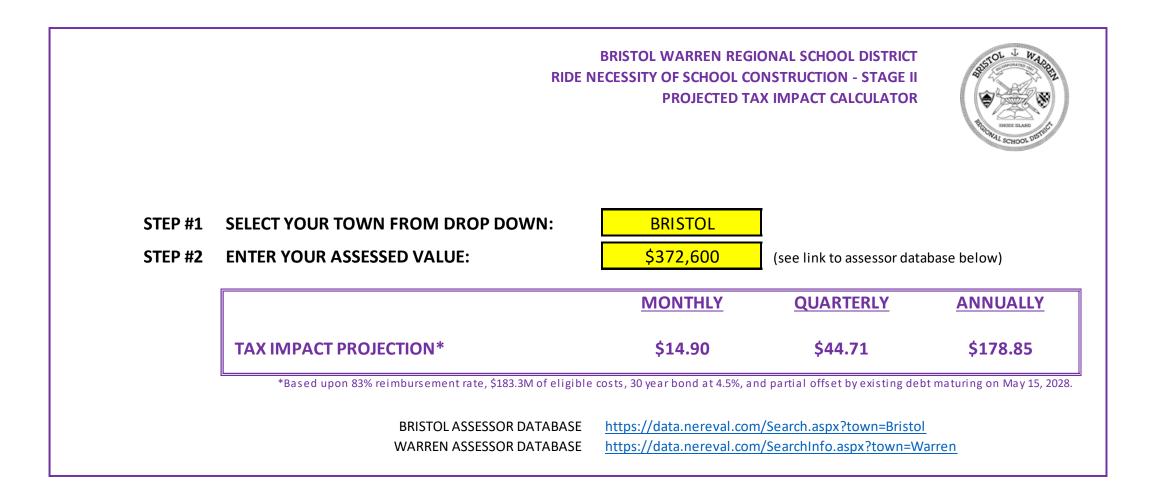
RECONCILED ESTIMATE - DISTRICT SHARE COMPARISON

_		BEST Case Projection \$183.3M ELIGIBLE AT 83% (TAX IMPACT CALCULATOR)		MID Range Projection \$175M ELIGIBLE AT 83% (Oct 2023 SC and SBC)		WORST Case Projection \$200M ELIGIBLE AT 63% (Oct 2023 SC and SBC)		Stage II Final \$157.4M ELIGIBLE AT 83% (Dec 19, 2023)		Stage III \$157.4M ELIGIBLE AT 83% (CURRENT)
Total Project Budget	\$	200,000,000	\$	200,000,000	\$	200,000,000	\$	200,000,000	\$	186,281,427
Eligible Costs	\$	183,300,000	\$	175,000,000	\$	200,000,000	\$	157,368,562	\$	157,368,562
RIDE Share of Eligible	83% \$	152,139,000	83% \$	145,250,000	63% \$	126,000,000	83% \$	130,615,906	83% \$	130,615,906
District Share of Eligible	17% \$	31,161,000	17% \$	29,750,000	37% \$	74,000,000	17% \$	26,752,656	17% \$	26,752,656
Ineligible Costs (100% District Share)	100% \$	16,700,000	100% \$	25,000,000	100% \$	-	100% \$	42,631,438	100% \$	28,912,865
DISTRICT SHARE TOTAL	\$	47,861,000	\$	54,750,000	Ş	74,000,000	\$	69,384,094	\$	55,665,521



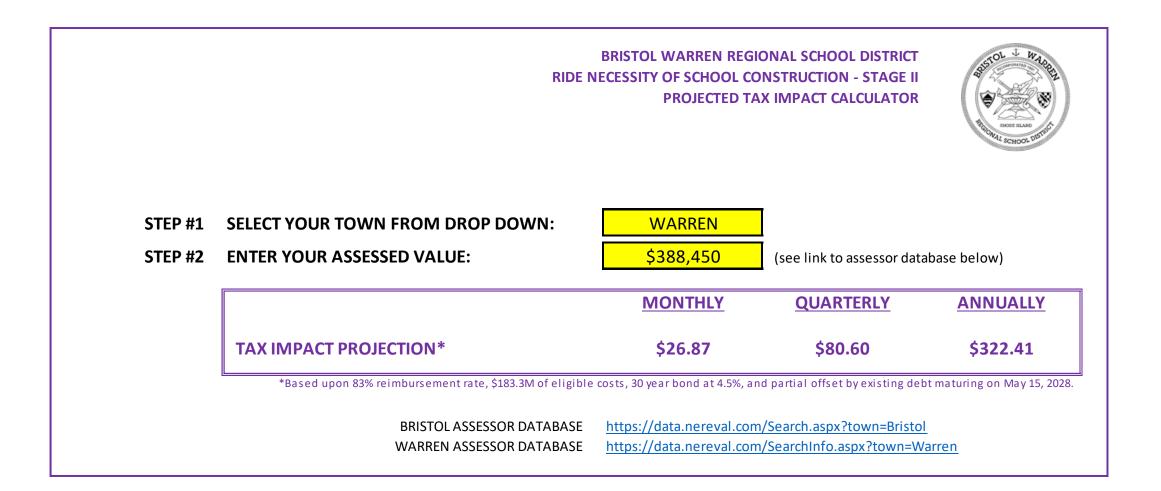
Ineligible Costs (100% District Share) District Share of Eligible

TAX IMPACT CALCULATOR



FY24 MEDIAN SINGLE-FAMILY HOME (BRISTOL): \$372,600

TAX IMPACT CALCULATOR



FY24 MEDIAN SINGLE-FAMILY HOME (WARREN): \$388,450

DISTRICT SHARE (TAXPAYER) COSTS OF PROPOSED PROJECT

DISCUSSION:

QUESTIONS/TOPICS

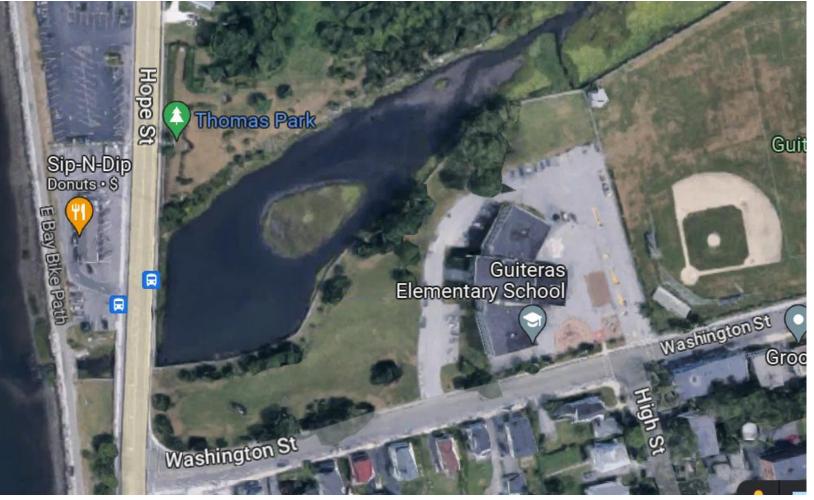
QUESTIONS/TOPICS

QUESTION: IS CLOSING OF GUITERAS REQUIRED TO ACHIEVE 83%

Guiteras Elementary School

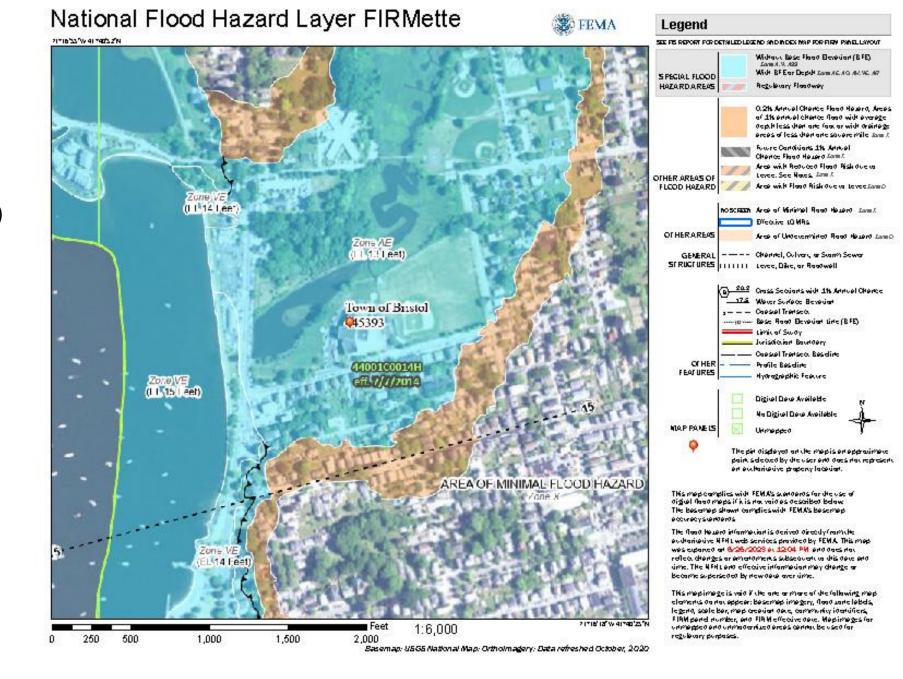
- On the Silver Creek
- Fronting Bristol Harbor
- Floods





Guiteras Elementary School

• FEMA Flood Zone AE (13 ft.)



MAXIMIZING FUNDING

63% Base

+ up to 20% Bonus

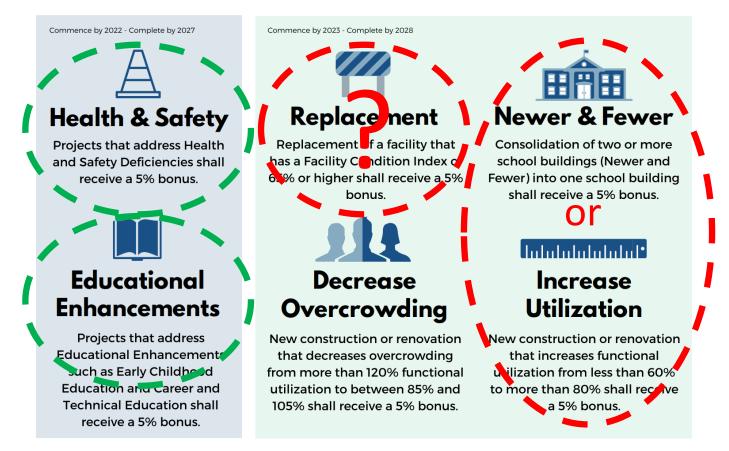
Districts are eligible for two percent (2%) additional reimbursement funds for projects that achieve energy efficiency thirty percent (30%) above the RI Building Energy Code; 3% additional reimbursement for energy efficiency forty percent (40%) above the RI Building Energy Code; and four percent (4%) additional reimbursement for energy efficiency fifty percent (50%) above the RI Building Energy Code.

In the "Bonus"



If 75% of a project is for the purposes of School Safety & Security, then the project shall receive a 5% bonus.

In order to qualify for the increased share ratio for the temporary bonuses, 25% of the project costs, or a minimum of \$500,000, must be specifically directed to these purposes.



QUESTIONS/TOPICS

DISCUSSION: IS CLOSING OF GUITERAS REQUIRED TO ACHIEVE 83%

DESIGN UPDATE

A MARK





BWRSD WORK PLAN

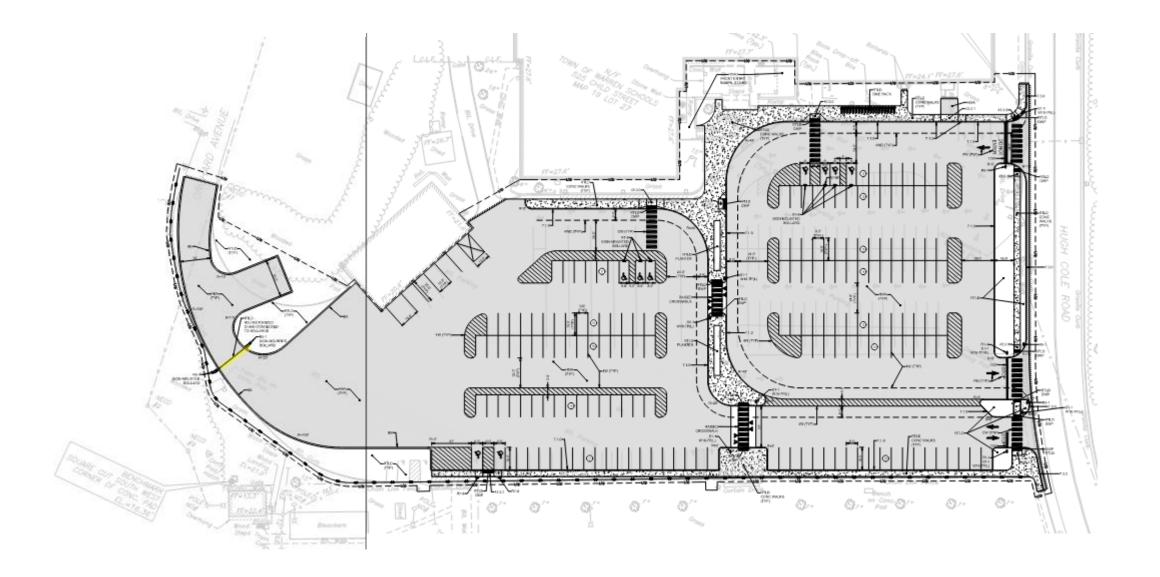
DESIGN DEVELOPMENT	04/01/24	07/18/24
SC Meetings		04/22/24
SC Meetings		05/13/24
SC Meetings		06/24/24
SC Meetings		07/18/24
SBC Meeting - DD Design Update		05/09/24
SBC Meeting - MHHS Site Design Update, District Offices, Rockwell EBP		05/30/24
SBC Meeting - DD Design update, Exterior and Interior Material Presentation		06/20/24
SBC Meeting - Approve DD scope and budget		07/18/24
Review Layout of District Offices		04/23/24
Kickemuit Review of Entry Vestibule		5/16/24 at 1:30
Follow up meeting to review District Office Layout		5/16/24 at 1:30
KMS - Entry review - Part II		5/23/24 at 10:00
SC Obsevation at KMS drop off		TBD
Teacher's Unior Review Meeting		6/11/24 at 2:45
User Meetings - Focus Groups w/ Stefura	05/07/24	05/09/24
User Meetings - Food Service provider		5/7/24 at 3:00
User Meeting - Athletic Director		5/8/24 at 2:30
IT User Meeting		5/16/24 at 10:00
Security User Meeting		5/23/24 at 1:30
Hardware User meetings		5/20/24 at 12:30
Maintenance User meetings		5/14/24 at 10:00
AV and Theater user meeting		5/15/24 at 1:30
Phasing Review Meeting		5/20/24 at 2:30
Integrated Design Team Meeting - NECHPS		6/17/24 at 12:00
Permitting		
Permit Application for Bristol Review with Town Planner	05/02/24	01/00/00
Permit Application for Bristol	07/01/24	08/01/24
RIDEM submission for MHHS	09/01/24	12/01/24
CRMC Submissions for KMS and HC	June	TBD
Warren Town Planner and Authorities - Project Review	05/30/24	10:00 AM
Historian - MHHS documentation		Begin in June
Design Development Drawings	04/01/24	05/24/24
Consultant Coordination Meeting:		
Onsite investigation work at CIP projects		04/18/24
MHHS project Consultant Coordination Meetings - MEP and Structure	04/26/24	Next Mtg. 6/2/202
CIP MEP Coordination Meetings - start at 10:00 with CIP	04/26/24	Next Mtg. 6/1/202
Site Coordination Meetings	04/25/24	Next Mtg. 6/6/202
Traffic Review Meeting		5/13/24 at 11:00
IT Coordination Meeting with Edvance		5/16/24 at 10:00
Hardware spec review meetings		05/20/24
Lighting Review Meeting with HLB	04/18/24	Next Mtg. 6/3/202
Audio Visual Review with CT		04/23/24
Acoustical Review with CT		04/25/24
Acoustical Review wit CT for CIP projects		5/10
NE CHPS Coordination - PE to update Summary		6/10/24 at 2:30
Radon Design Coordination		TBD
RJK - Send DD details for review		06/07/24
RSE - new roof top equipment at CIP		TBD
JS Code - DD code review for MHHS		Mid May

Program comments from Michelle and Ana		Waiting on Comm
Space Simmary - Review and Revise with Manuel		Week of 5/26
Environmental Student at MHHS meeting		TBD
Student input for MHHS Celebratory display		TBD
Historian kick off meeting		TBD
Site Coordination		
KMS and HC wetlands flagging		05/07/24
KMS and HC survey	4/10/2024	Ongoing
Test Pits at MHHS		Mid June
Hazmat Testing and Evaluation at MHHS		Ongoing
Geo-environmental - sub soil removal at MHHS		Mid June
Meeting Prep		
In-house IDT meeting review/prep		6/10/2024 at 2:
Prep for DD Design update	04/22/24	04/24/24
Prep for Exterior and Interior Material Presentation	06/08/24	06/19/24
Prep for Final DD Presentation to SBC	07/05/24	07/17//24
Graphics Development and Review		06/03/24
Energy Model Review		06/12/24
Develop DD Drawings	04/01/24	05/24/24
Check Set Due for MHHS		05/24/24
Final DD Consultant Coordination Meeting		5/31/12024
Final comments to Consultants		06/04/24
Consultant's CIP DD Pricing Set Due for estimating		05/24/24
Consultant's CIP DD Pricing Set Site Drawings		06/10/24
Consultant's MHHS DD Pricing Set Due for estimating		06/07/24
Cost Estimate		
Estimating	05/28/24	07/17/24
Receive and Review Estimate from Cost Estimator - CIP	05/28/24	06/25/24
Receive and Review Estimate from Cost Estimator - MHHS	06/07/24	07/09/24
Review CIP estimates prepare VE is required	06/25/24	07/09/24
Reconcile Cost Estimate - Value Engineering	07/09/24	07/11/24
Final Reconciliation - Revised Estimate Due		07/16/24
Approval of DD Scope and Budget - SBC		07/18/24
Approval of DD Scope and Budget - SC		07/22/24
Compile and Submit Stage III DD to Owner and RIDE	07/12/24	07/23/24
RIDE Review Period	07/23/24	
RIDE CIP and CHPS Review Meeting	9:30	05/02/24
RIDE Submission to Governor's Commission on Disability		05/06/24
RIDE DD Review Meeting		TBD
EP #1: Rockwell Site Drainage Improvements	04/01/24	04/26/24
Field Investigations		complete
Site Survey		complete
Draft CD's (100% DD)		complete
Final Comments to Consultants		05/15/24
Final EBP 1 Ready for Bidding		06/12/24
Issued for Bidding	06/03/24	06/14/24
CONSTRUCTION DOCUMENTS	07/22/24	11/17/25

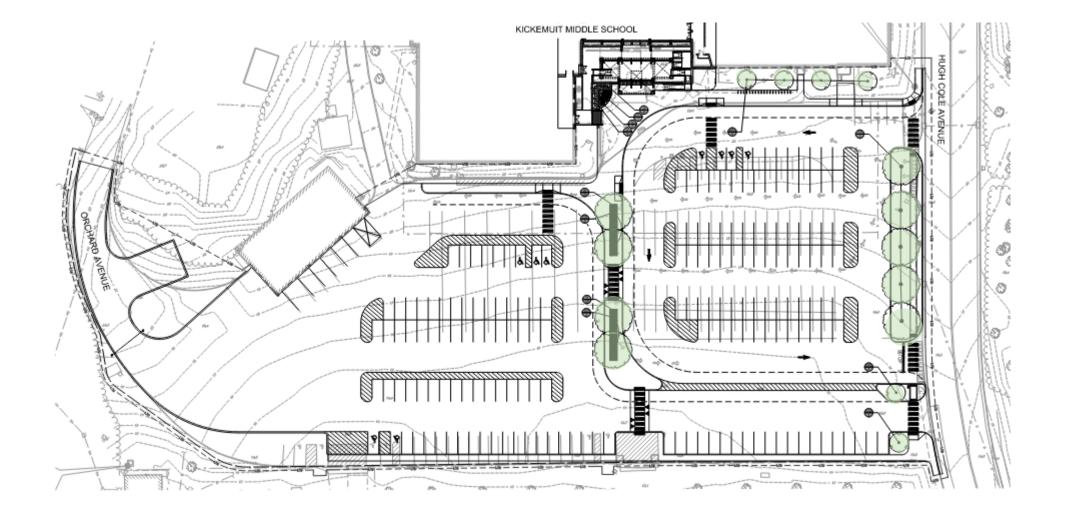
CIP Projects Update

PMA Consultants

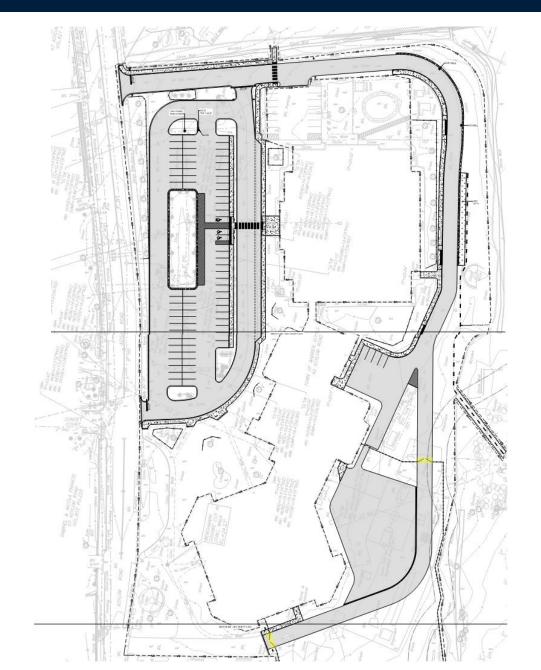




KICKEMUIT SITE IMPROVEMENTS



HUGH COLE SITE IMPROVEMENTS



HUGH COLE SITE IMPROVEMENTS



MHHS Update

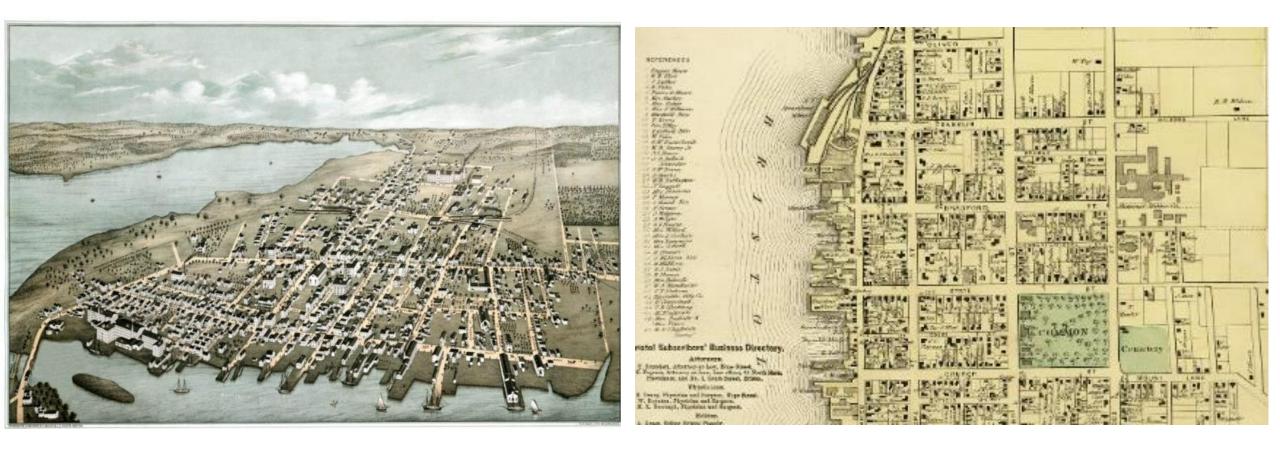
A MARK





CONCEPT

A Village



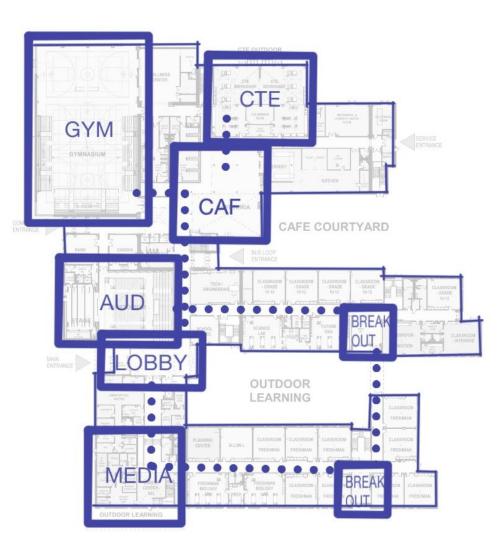
ORGANIZATIONAL CONCEPT

A Village



CONCEPT

A Village



CONCEPT

A Village

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INSPIRATION Green Ways & Blue Ways











INSPIRATION















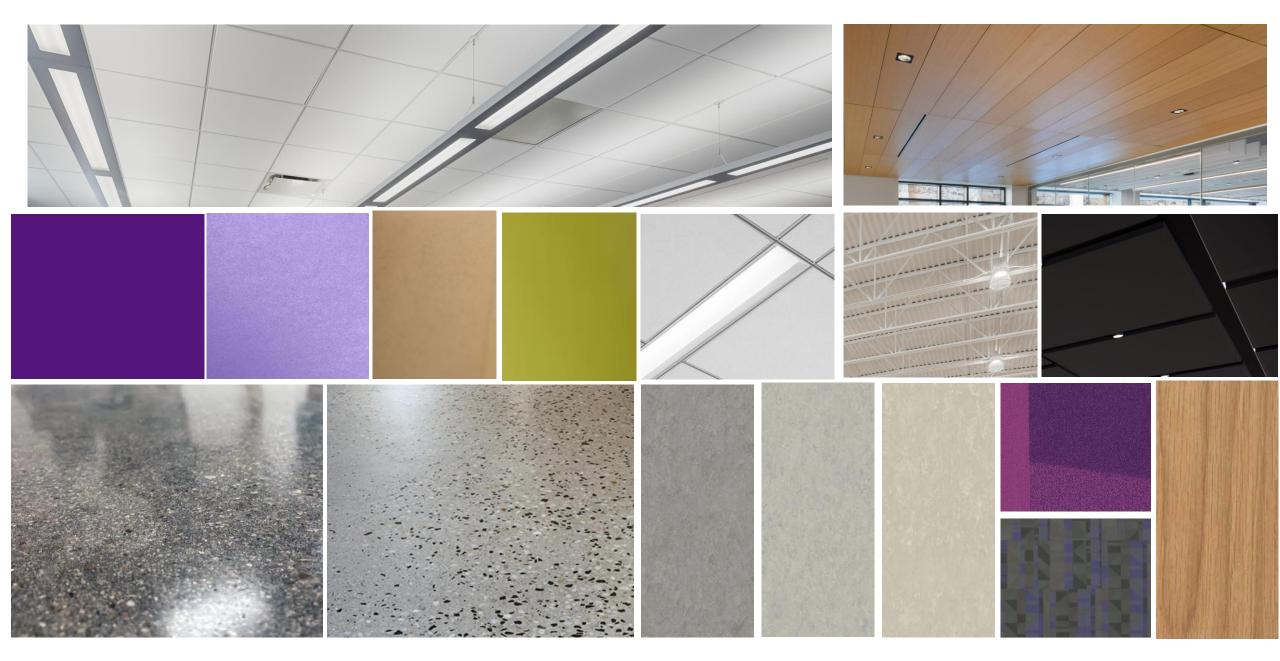








MATERIAL PALETTE

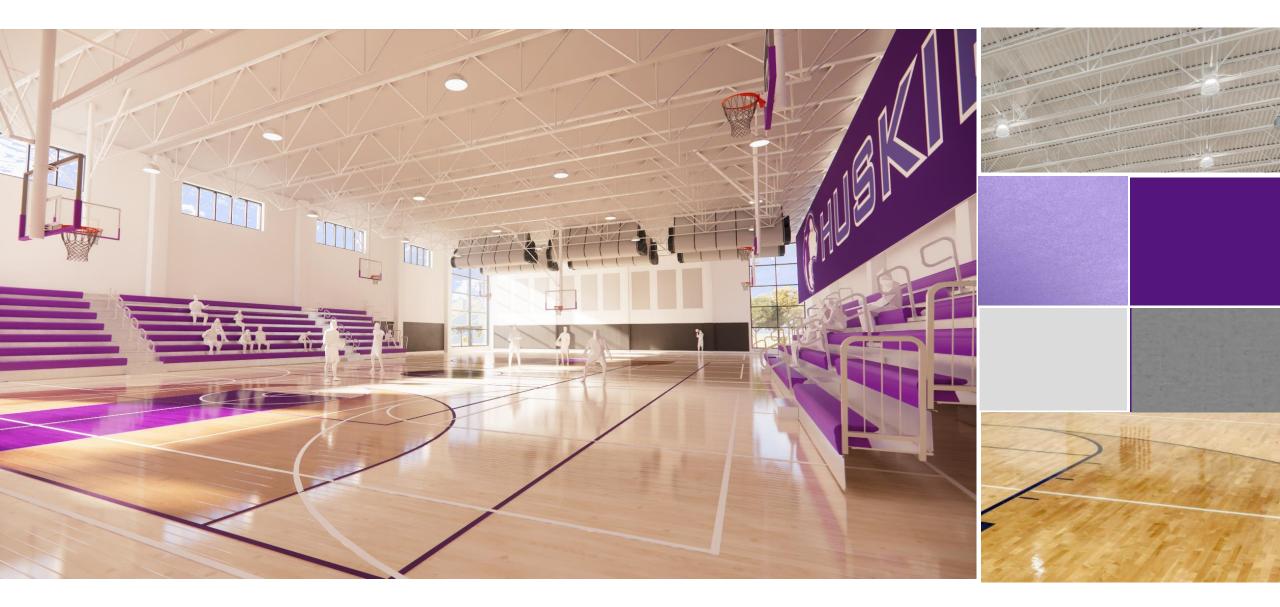


GYMNASIUM





DESIGN OF INTERIORS | GYMNASIUM

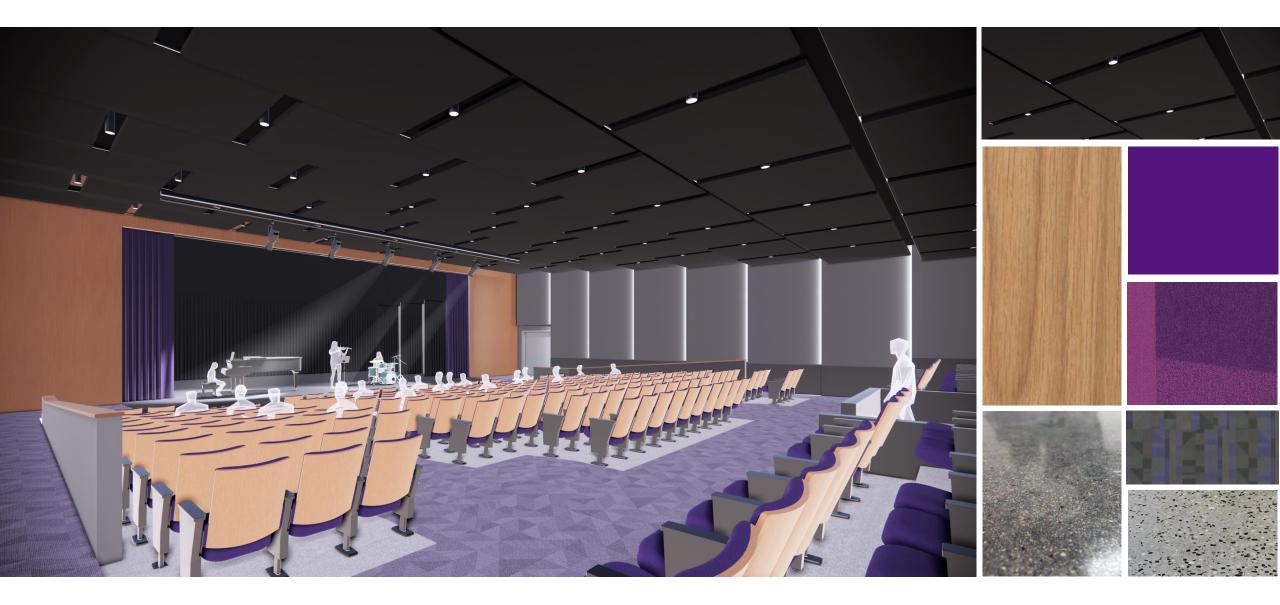


AUDITORIUM





DESIGN OF INTERIORS | AUDITORIUM



CAFE



KIES CAFE

TINIT INT

The human body heals itself an nutrition provides the resources to accomplish the task. -Roger Williams

TEL

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DESIGN OF INTERIORS | CAFE

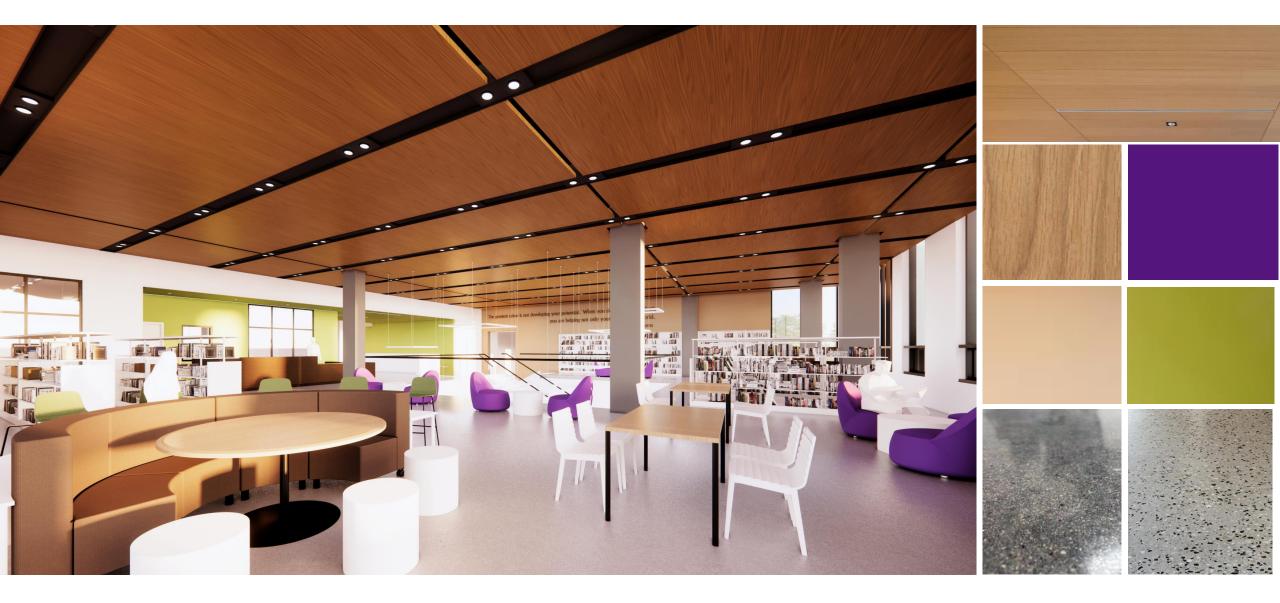


MEDIA COMMONS





DESIGN OF INTERIORS | CAFE



ENVIRONMENTAL GRAPHICS | SCHOOL SPIRIT



ENVIRONMENTAL GRAPHICS | BIOPHILIC INTEGRATION



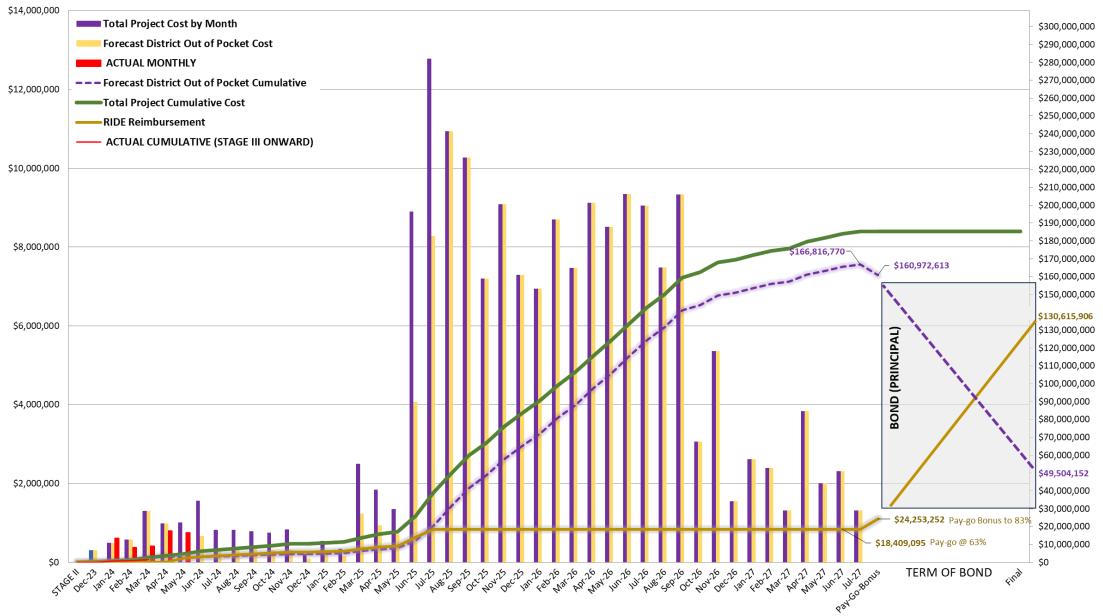
BUDGET UPDATE





PROJECT CASHFLOW

BWRSD Cashflow Projection - Stage III (SD) - \$186M TPB



PROJECT SCHEDULE / NEXT STEPS



PERKINS — EASTMAN

NEXT STEPS

Schematic Design Review Stage III must include the project's major components, including engineering	Construct Documents R Finalize the deve of the proje	Review lopment	Progress Reports On the 12th of every month, OPMs provide a project progress report		Housing Aid LEAs submit Housing Aid forms by July 15	
Design Developn Review Provide greater detail, ir an updated project b	ncluding	LEA Bids LEA goes out to b and shares responses with SE		Project Complete For that year's cycle, projects must complete by June 30		
Stage III: Design	Reviews	Stage	IV: Constructio	on Pro	ject Completion	
SBA Approva The SBA must review and each of these components design, design developm construction docume	approve schematic nent, and				September 15 & Ma RIDE makes Housir payments twice anno projects completed by	ng Aid ually for



QUESTIONS? | THANK YOU!

MAXIMIZING FUNDING



Angélica Infante-Green Commissioner State of Rhode Island **DEPARTMENT OF ELEMENTARY AND SECONDARY EDUCATION** Shepard Building 255 Westminster Street Providence, Rhode Island 02903-3400

October 18, 2023

Ana Riley Superintendent Bristol Warren Regional School District 235 High Street. 2nd Floor Bristol, RI 02809

Dear Superintendent Riley:

Congratulations on advancing Bristol Warren's school construction plan in an effort to improve student outcomes. I am writing to address your question regarding the temporary Housing Aid bonus incentives for school construction projects.

As you are aware, Bristol Warren's FY2024 base rate for school housing aid is 63%. Given the proposed scopes of work captured in the Stage II application (that is currently under review), the plan outlined in your October 17th letter, and alignment with incentives outlined in statute, **Bristol Waren is on target to receive at least 82% State aid on school construction projects.**

Please note that eligibility for State aid and bonus incentives will be contingent on voter approval, Council on Elementary and Secondary approval, compliance with the Memorandum of Agreement, as well as all regulatory and statutory requirements, including all those outlined in RIGL 16-7-41.1.

We offer our collaboration in the planning steps moving forward. Please contact me if you have any further questions.

Sincerely,

Mario Carreño, ALEP Chief Operations Officer