



DENNIS-YARMOUTH SCHOOL PROJECT

THE DYIMS SCHOOL BUILDING
COMMITTEE

December 2, 2021

PERKINS
ERDMAN

 **PMA Consultants**



AGENDA

Estimated Time Frame

- | | | |
|-------|--|-----------|
| I. | Chair Joseph Tierney
Call to Order | 4:30 P.M. |
| II. | Approval of Prior Meeting Minutes
Discussion
Motion and Second Needed
Vote to Approve | 4:30 P.M. |
| III. | Overview of Meeting Agenda
Joe Tierney – SBC Chair
a. SBC Meetings - Virtual vs. in-person | 4:35 P.M. |
| IV. | Construction Update
a. Progress Photos
b. Progress Update
c. Lookahead Schedule | 4:35 P.M. |
| V. | Design Update
a. Synthetic Turf Fields Status Update
i. Discussion and potential vote
b. Traffic Light Status Update | |
| VI. | Project Budget & Cashflow
a. Cashflow Update
b. Change Authorization Overview
i. VOTE (if required): on any discretionary changes in excess of \$25k not previously authorized.
c. FF&E / IT Expenditures Authorization Process | 5:25 P.M. |
| VII. | New Business | 5:35 P.M. |
| VIII. | Meeting Adjournment | 5:35 P.M. |

OCTOBER & NOVEMBER CONSTRUCTION UPDATE

OCTOBER ACTIVITIES

- Continue erecting structural steel working through buildings C, B and A
- Prepare slab on deck and slab on grade in building D for concrete
- Place concrete slab on deck in building D
- Excavate and backfill for building utilities
- Continue with underground plumbing and electrical throughout the site

NOVEMBER ACTIVITIES

- Slab on grade concrete placement at Building D and C
- Structural steel topping off ceremony
- Window testing at the mockup
- Excavate and backfill for utilities is ongoing
- Install under slab plumbing and electrical
- Start CMU at the auditorium walls
- Install metal stairs in Building D
- Start duct and pipe install in Building D
- Start roofing in Building D
- Install light pole bases around the site

CONSTRUCTION PROGRESS PHOTOS



Structural Steel at Building B

CONSTRUCTION PROGRESS PHOTOS



Progress of structural steel inside Building D

CONSTRUCTION PROGRESS PHOTOS



Metal decking installed at Building D roof

CONSTRUCTION PROGRESS PHOTOS

Excavation for foundations at Building D



CONSTRUCTION PROGRESS PHOTOS



Vapor barrier and rebar installed at auditorium seating

CONSTRUCTION PROGRESS PHOTOS



Slab on deck concrete placement at Building D

CONSTRUCTION PROGRESS PHOTOS



Slab on deck concrete placement at Building D

CONSTRUCTION PROGRESS PHOTOS



Slab on grade concrete placement at Building D

11/02/2021 11:37

CONSTRUCTION PROGRESS PHOTOS



Structural steel at the auditorium

CONSTRUCTION PROGRESS PHOTOS



Support steel for the mechanical equipment screen

CONSTRUCTION PROGRESS PHOTOS



Topping off ceremony beam

CONSTRUCTION PROGRESS PHOTOS



Topping off ceremony beam

CONSTRUCTION PROGRESS PHOTOS



Window test at the mockup

CONSTRUCTION PROGRESS PHOTOS



CMU install at the auditorium low walls

CONSTRUCTION PROGRESS PHOTOS



Metal stairs installed at Building D

CONSTRUCTION PROGRESS PHOTOS



Ductwork installed in Building D

CONSTRUCTION PROGRESS PHOTOS



Roof install underway at Building D

CONSTRUCITON UPDATE



LOOKAHEAD SCHEDULE

- Place slab on deck and slab on grade in Building B
- Start CMU at the elevator shafts
- Continue with under slab plumbing and electrical in Building A
- Layout for MEPs in building C & B
- Continue roofing install working from Building D to A
- Install metal stairs in Building C
- Continue with site work activities

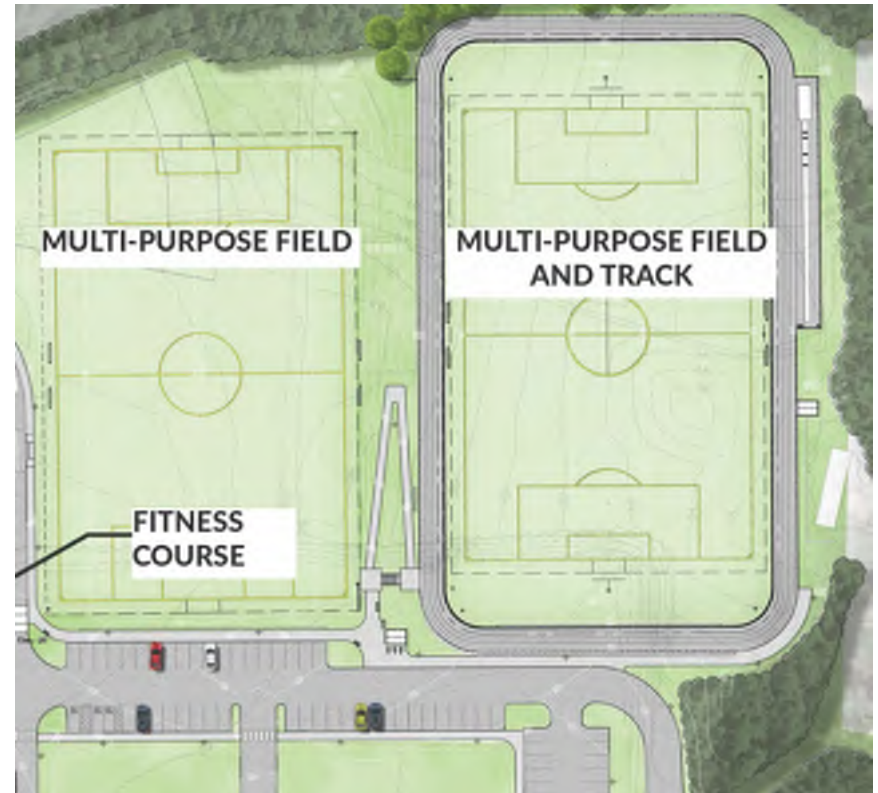
DESIGN UPDATE - SYNTHETIC TURF FIELD UPDATE

COST

- Formal pricing received from Commodore as a Change Order Request.
- PMA, PE and subconsultants have reviewed and sent comments back regarding costs.

COST COMPARISON

- Commodore Total COR: **\$3.27M**
- SD VM Value: **\$2.13M (1/16/20)**



DESIGN UPDATE - SYNTHETIC TURF FIELD UPDATE

NEXT STEPS

Synthetic Fields Desired: Yes

- Option 1:
 - Work with Commodore to reduce (if possible) the site work cost in the COR to be closer to estimate.
 - If this can be achieved a final number would be presented to the SBC for a formal vote and approval.
- Option 2 (*If the Change Order Request number cannot be reduced*):
 - Remove the base scope from Commodore's contract and apply new "limit of work".
 - Put the synthetic turf fields scope out to bid.
- Risks:
 - Going with Option 2 there is still potential to see costs like Commodore's initial Change Order Request.

Synthetic Fields Desired: No

- No changes to contract drawings.
- Commodore currently owns grass fields.
- **Discussion & Vote (if necessary)**





TOWN OF YARMOUTH

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BOARD OF
SELECTMEN
Mark Forest, Chair
Daniel Morgan
Tracy Post
Peter Q. Smith
Michael Stone

TOWN ADMINISTRATOR
Robert L. Whitenow, Jr.

November 12, 2021

TO: Board of Selectmen
FROM: Robert L. Whitenow, Jr., Town Administrator
SUBJECT: Signal for Station Avenue

After meeting with the Chairman regarding the process of evaluating the potential traffic signal at the new middle school under construction on Station Avenue, I pulled together a team of Town staff stakeholders including the Department of Public Works and our Town Engineer, the Police Department, the Cape Cod Commission Transportation Manager, project design and management staff, Town Administrator, and the Superintendent of Schools to review the issues associated with the location and management of the traffic signal. Our goal was to meet outside of the public hearing process to evaluate the technical issues associated with a traffic signal at that location in order to determine if it was possible to develop a joint recommendation of Town staff and project staff in order to best advise the Board of Selectmen in its process to make its decision on this matter.

Our group met on November 10 and conducted a detailed review of this issue. Complicating the overall discussion are our lessons learned from the nearby high school entrance which has created some congestion at peak times and will remain as an issue independent from the entrance to the middle school. When placed in context, this problem actually helped our discussion in that our team sought to create conditions that did not repeat the problems associated with the High School where vehicles stack up on Station Avenue waiting to access the high school site.

In the final analysis the team highlighted the most critical issue as avoiding this type of vehicle stacking on Station Avenue that will cause congestion if vehicles are forced to line up in the lane of travel while waiting to access the site. Under more positive conditions, the signal will be able to assist vehicles in exiting the site in a more orderly fashion during peak times which will help to clear the site faster and avoid unnecessary delays for either through traffic on Station Avenue or for vehicles exiting the school site. The key condition to making this work is to guarantee adequate space on the school site to contain all of the vehicles that need to access the site at peak times. If the entry way is not full and thus blocked, then vehicles may enter the site without substantial delay and this will eliminate the need to stack up on Station Avenue which requires a law enforcement presence to manage.

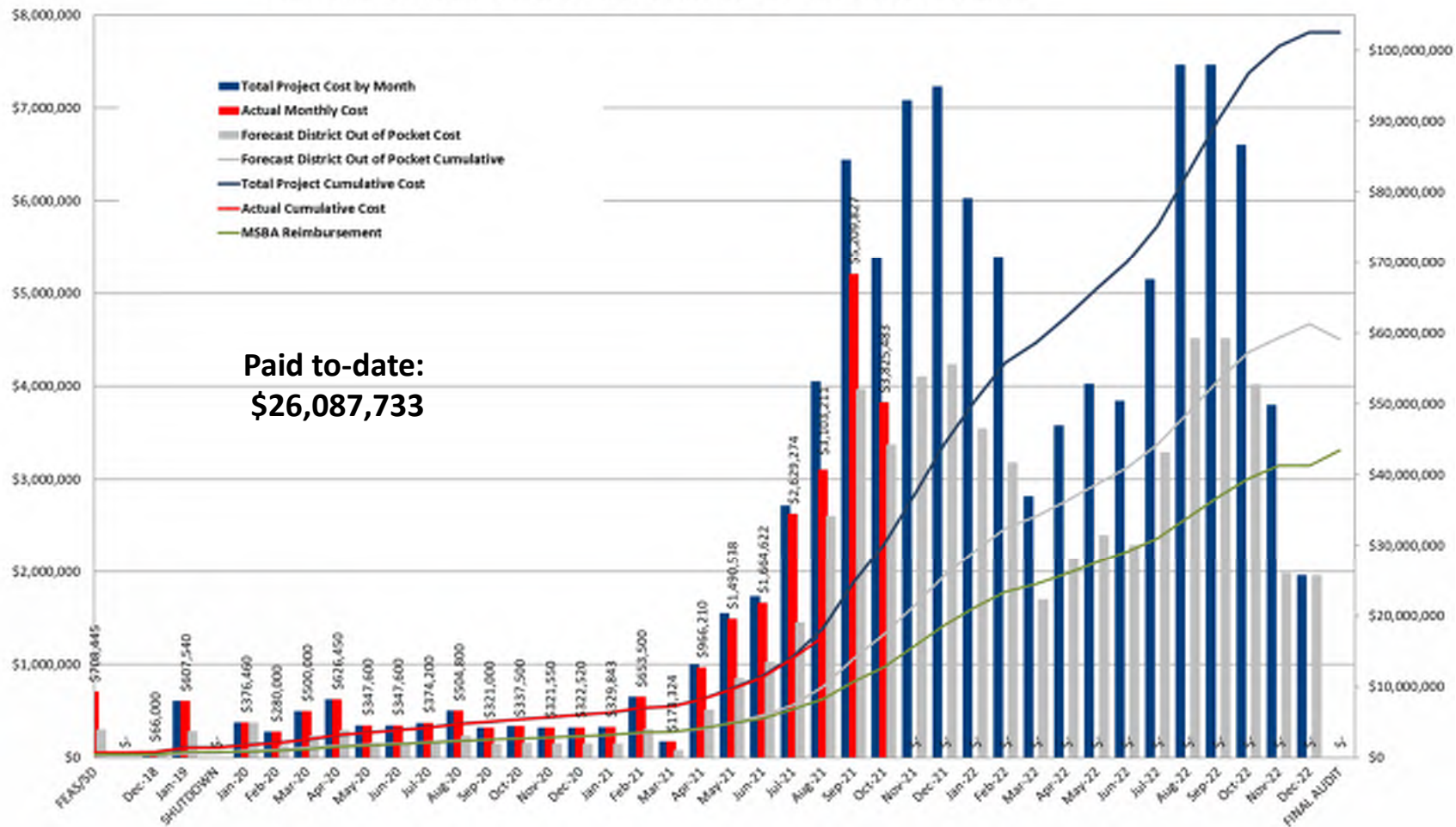
DESIGN UPDATE – TRAFFIC LIGHT

Traffic Light Status

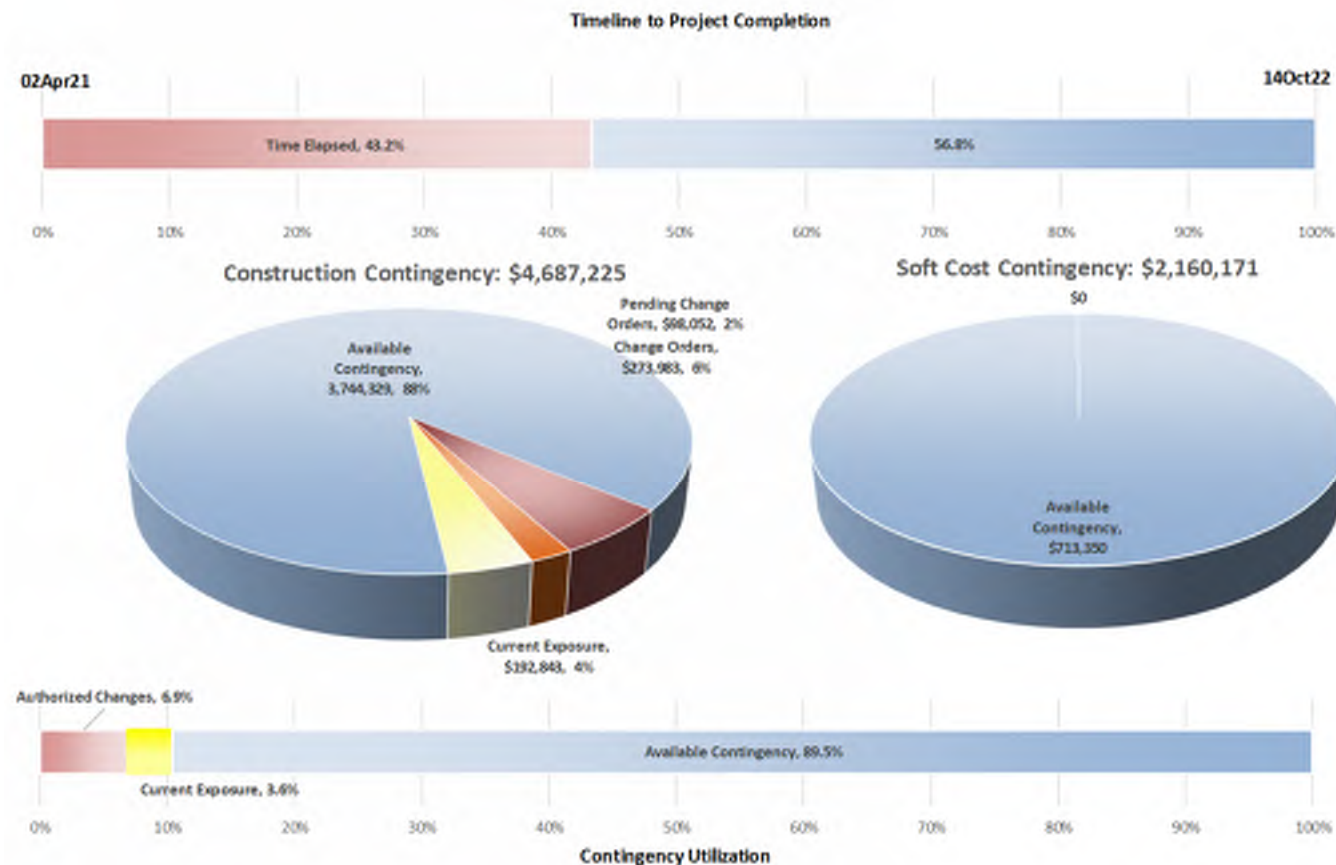
- Traffic light was approved by the Yarmouth BoS on 11/16/21.
- Traffic light will need to meet requirements mentioned in the Town Administrator's Memo to the BoS dated 11/12/21.
 - Incorporate camera sensors rather than ground loops
 - Post construction review at 3 and 6 months for traffic signal optimization
 - Proper road opening permits
 - Meet town engineering requirements for construction, drainage, saw cuts, and signage.

PROJECT CASHFLOW

DYIMS Cashflow Projection - \$102.5M TPB (Early Projection, prior to MSBA PFA Bid Amendment)



CONSTRUCTION CONTINGENCY





DISCRETIONARY CHANGES

CHANGE ORDER REQUESTS TO REVIEW

- None at this time.



FFE/IT AUTHORIZATION

FFE/IT Authorization Process

- Discussion
- Vote to authorize and issue PO's

NEW BUSINESS

- New Business
- Public Comment Period
- Motion to Adjourn

THANK YOU



**PERKINS —
EASTMAN**

Photo courtesy of TripAdvisor



DENNIS-YARMOUTH SCHOOL PROJECT

**THE DYIMS SCHOOL BUILDING
COMMITTEE**

