



Darien High School Cafeteria

ADDITION & ALTERATIONS PROJECT

DHSCBC Project Meeting

Duct Bank

April 17, 2018



Summary of the Events Since April 6, 2018

- 4/6/18- Charged by the committee, CREC organized an onsite meeting with Eversource, KG&D and their Engineer, KSR, and Building Committee representatives on April 9, 2018 ;
- 4/6/18-Per a suggestion by the committee, CREC reached out to Darien's Director of Public Works to keep him abreast of the situation;
- 4/9/18- After the morning meeting, the group was given direction from the Eversource representative as how to submit the structural cantilever grade beam option for approval;
- 4/9/18- The design team submitted the grade beam and reduction options to Eversource at the end of business;



Summary of the Events Since April 6, 2018

- 4/9/18 (evening)- The Committee Chair updated the Board of Selectman on the current duct bank situation at the regularly scheduled BOS Meeting;
- 4/10/18- We receive an email that the cantilever option was denied by Eversource. In this communication, we were directed to add an additional hex box , which is a man hole used to intermediately access the power line, at the halfway point of the conduit length noted on the submitted civil plan;
- 4/10/18- KG&D responds to the denial email, requesting Eversource confirm the verbal approval that would allow the addition to be built if the size was reduced and avoided the duct bank;



Summary of the Events Since April 6, 2018

- 4/11/18- Eversource denies KG&D's request to build the addition without disturbing the duct bank;
- 4/11/18- CREC sends an emailed rebuttal, requesting further information with regard to the Eversource denials;
- 4/13/18- Eversource replies to the CREC rebuttal, stating they had met with the First Selectman and DPW Director onsite and determined that the lines are to be moved;
- 4/13/18- CREC, KG&D, and KSR focused on budgeting the relocation of the duct bank and all associated work;



Summary of the Events Since April 6, 2018

4/16/18- CREC, KG&D, Committee Chair, and KSR work on developing the preliminary budget and scheduling options for the duct bank change order and cafeteria project;

4/16/18- KSR submits the change order proposal. CREC has it vetted by PAC LLC and distributes to KG&D for review;

4/16/18 (evening)- Committee Chair updates the Town of Darien's Board of Finance;



Preliminary Schedule

June 25, 2018- Duct Bank and Renovation Start

July 30, 2018- Exterior Foundation Work

August 17, 2018- Renovation Complete

August 27, 2018- Steel Erection

October 19, 2018-Coordinated Tie ins (Weekend/Second Shifts)



NOTES

-KSR warns there is limited egress possibilities doing the duct bank during school session. It would also create difficult pathways between the school and sport fields (no bleacher or locker room access). The visual from the grand stands would be less than ideal;

-Limited value in starting the addition simultaneously during the excavation task of the duct bank project, using grade beam foundation would increase costs with little scheduling benefit. The preliminary cost for the foundation change was \$30,000;

-The cost of to lengthen the structural steel members, to increase the length of the building to 15'6" was \$16,000. However, this estimate was to increase existing members, there would be engineering involved to increase the length. The cost to reduce was to the 11'6" addition depth was \$8,000;



NOTES

-Given their familiarity of the site and the underground infrastructure in place, FGB did not recommend the alternate route of the duct bank, which went all the way around the field;

-KG&D suggests doing interior work first and the duct bank as soon as graduation is over;

-The interior remodel would provide additional seating to start the year;

-Addition would continue into the fall with coordinated tie ins from the renovated space to the addition space;

-At this time, there are unknown costs to coordinating the tie ins.

