Dover High School and Career Technical Center
Monthly Construction Report No. 11

August 7, 2017
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A. Executive Summary:

1. Construction Documents Area Breakout Plan

► Area A
Ground - Auditorium, Band, Food Service
First - Culinary Kitchen/Dining
Second - CTC Labs/Classrooms, Staff Dining

► Area B
Ground - Gymnasium, Alt PE, Locker Rooms
First - CTC Salon, Labs
Second - Life Sciences

► Area C
Ground - MEP, Weight Room, Team rooms, Marketing
First - Library, SPED, NJROTC, Offices, Guidance
Second - Business CR’s, SPED CR’s, Typical CR’s

► Area D
Ground - N/A
First - Building Construction, Electrical, Wood Working, Typical CR’s, Art
Second - Typical CR’s, Sciences & Labs

► Area E
Ground - N/A
First - Typical CR’s, Photography, Earth Science, Welding, Auto, CTE Offices/Admin
Second - Typical CR’s, Sciences & Labs

► Area F
Ground - Town Square
First - SPED CR’s, Pre-Engineering, Photo, Typical CR’s, Admin, Nurse, Main Entry
Second - Computer, Typical CR’s
2. Construction Progress Highlights
   - Courtyard Masonry is half complete
   - Interior fireproofing is complete
   - Interior framing in Areas D & F are on-going
   - Interior piping, ductwork and electrical are on-going
   - Roof membrane installation is complete

3. Critical Issues
   - Finalization and issuance of color selections so materials can be ordered and delivered for installation.

4. Summary
   - The project is currently proceeding smoothly. Safety has been good to date.

B. Construction Status:

1. Schedule Phase Plan
   - For scheduling purposes, the building is separated into three areas – Building 1, Building 2 and Building 3. These are defined as separate areas separated by a fire rated expansion joint.


3. Three-Week Look Ahead Schedule – Distributed weekly

4. Schedule Impacts
   - Analyzing impact of rainy weather on exterior waterproofing.
• Analyzing impact of pending drawing updates due to Fire Marshall revisions.

5. Progress Photos
• Courtyard Progress
- Gymnasium North Wall Complete

- Gymnasium Ductwork
• Courtyard Brick

• Stair #3
C. Design Coordination:

1. RFI Status
   - Submitted (451)
   - Open (11)
   - Critical (01)

2. Submittals
   - Submitted (700)
   - Open (50)
   - Critical (00)

3. ASI’s & PR’s
   - Issued (104)

D. Safety Update:

1. PC has a site specific safety program in place for this project. Every worker who comes on site is required to be oriented to the project rules and expectations. Safety has been good to date.
PC’s on-site safety specialist does a weekly audit and provide the team with a safety score from 0 to 100. Below are the most recent scores.

Week of 7/3/17 = 72
Week of 7/10/17 = 85
Week of 7/17/17 = 85
Week of 7/24/17 = 85

E. Project Financial Status:

1. Procurement Update: Letters of Recommendation (LOR’s) Issued and Signed
   - 02.01 Demolition & Asbestos Abatement $ 2,193,895
   - 03.01A Concrete Foundations $ 1,800,000
   - 03.01B Concrete Flatwork $ 2,019,559
   - 04.01 Masonry $ 3,450,000
   - 05.01 Structural Steel $ 6,400,000
   - 05.02 Miscellaneous Metals $ 755,350
   - 06.01A Architectural Millwork $ 409,199
   - 06.01B Laboratory Equipment $ 159,090
   - 06.01C Laboratory Casework $ 989,575
   - 07.01 Below Grade Waterproofing $ 41,600
   - 07.01 Air & Vapor Barrier $ 445,770
   - 07.02 Roofing and Flashing $ 1,770,000
   - 07.03 Applied Fireproofing $ 328,320
   - 07.05 Firestopping $ 54,750
   - 08.01 Doors, Frames & Hardware $ 570,897
   - 08.02 Windows, Storefront & Curtainwall $ 2,935,827
   - 08.03 Overhead Doors $ 64,000
   - 09.01 Metal Stud Framing & Drywall $ 5,550,000
   - 09.02 Acoustical Ceilings $ 574,473
   - 09.02 Acoustical Wall Panels $ 371,000
   - 09.03 Ceramic Tile $ 640,000
   - 09.03 Resilient Flooring $ 953,000
   - 09.04 Stage and Gymnasium Flooring $ 159,000
   - 09.05 Resilient Athletic Flooring $ 49,000
   - 09.06 Painting $ 600,000
   - 10.01 Miscellaneous Accessories $ 601,678
   - 11.01 Kitchen Equipment $ 467,822
   - 11.03 Stage Rigging & Curtains $ 320,000
   - 11.04 Athletic Equipment $ 132,400
   - 12.01 Window Treatments $ 76,700
   - 12.02 Gymnasium and Auditorium Seating $ 261,823
   - 14.01 Elevators $ 211,131
   - 21.01 Fire Protection $ 540,000
   - 23.01 Plumbing $ 2,490,000
23.01 Ductwork $ 2,645,270
23.01 Mechanical $ 2,241,750
23.01 Testing & Balancing $ 77,300
23.02 Automatic Temperature Controls $ 761,465
23.04 Condensing Boilers $ 99,108
23.05 Air Handling Equipment & Chiller $ 1,690,000
26.01 Electrical, Telecom & Security $ 6,784,800
31.01 Sitework $ 4,546,082
31.02 Rammed Aggregate Piers $ 285,917
31.03 Turf Field $ 417,250
32.02 Fencing $ 128,881
03.2A Courtyard Concrete $ 241,600
32.1A Courtyard Landscaping $ 85,020
32.1B Courtyard Hardscaping $ 127,110

Total to Date $55,696,592

2. Current Contract Summary
   - Base Contract: $71,643,000
   - Approved Changes thru CO #7 $ 884,213
   - Current Contract amount: $72,527,213

3. Change Order Management:
   Previously Approved Proposals $ 884,213
   Proposals to be included in CO No. 8:
     - 190082 ($ 258)
     - 190083R3 ($ 138)
     - 190084 $ 2,711
     - 190087 $ 1,262
     - 190101 $ 5,203
     - 190102 ($ 468)
     - 190104R2 $
     - Total $ 892,525

4. Contingency Usage
   - Carried: $ 1,700,000
   - Committed to Date: $ 859,125
   - Remaining: $ 840,875

5. Allowance Status
   Used Remaining
   - Hazardous Abatement $ 2,241 $ 1,089,759
   - Animal Science Building $36,358 $ 1,163,642
   - Climbing Wall $0 $ 35,000

6. Application for Payment Status

- Requisitioned to Date Thru #14 $31,144,612
- Current Retained Amount $1,240,409
- Remaining to be Billed $42,623,010