



TO: Board of Trustees
FROM: Dennis Bay, Executive Director Human Resources and District Services
DATE: November 27, 2017
SUBJECT: Construction Projects Reports

The construction reports for projects in progress as of November 27, 2017, are attached for your information.

Pay Applications for all Capital Construction Projects for the month of November 2017 is estimated to total just over \$1.8M.

(This includes design, construction, project management, construction material testing, abatement, City fees and service utilities)

Construction Highlights November, 2017

- KWHS:
 - Landscaping/sod continues on north and east of pool building
 - Landscaping continues (grading and topsoil) between student parking and Campus drive/stadium
 - Music exterior stairs complete, small section of lower west plaza concrete remaining
 - Main entrance plaza artificial grass installation on going
 - New north parking lot (north of pool building, capacity is 100 additional spaces) will be completed by July 1, 2018

- NCHS:
 - Phases 5 & 6 construction punch lists being completed
 - Classes started Monday November 27, 2017
 - Move out of MACC building concluded Thanksgiving break
 - Broadcast Media classroom remodel is continuing; this is the last phase of the project, completion and move of this classroom from MACC is scheduled for December, 2017 Holiday break

- NCSD Community Activities Center (Old CYJHS Gyms):
 - Project is completed; exterior building stucco and new interior lighting completed

- KWHS Track:
 - New refurbished track and amenities have been completed
 - Site fencing on going
 - Remainder of landscaping on going

- NCHS MACC Final Buildout:
 - Design will be completed December 15, 2017
 - Contractor bids due January 18, 2018
 - Board approval of Contractor; January 22, 2018
 - Construction scheduled to start April 15, 2018
 - Construction complete scheduled October 15, 2018

- Lincoln PreSchool addition:
 - Selection of Design/Build Team complete November 28, 2017
 - Board approval of Design/Build Team December 11, 2017

**Natrona County School District No. 1
Construction Project Report
November 27, 2017**

Project: Kelly Walsh High School new Building
Address: 3500 E. 12th Street, Casper, WY 82609

Project Phase: Construction

NCS D Project Manager: Dennis Bay/Doug Tunison
 Architect: RB+B Architects, Fort Collins, CO and
 Amundsen Associates, Casper, WY
 Civil Engineer: Worthington Lenhart and Carpenter, Inc. (WLC), Casper, WY
 Structural Engineer: Lower & Company, PC, Casper, WY
 Mechanical/Plumbing Engineer: Engineering Design Associates (EDA), Casper, WY
 Electrical Engineer: Engineering Design Associates (EDA), Casper, WY
 Electrical Sub-Contractor: Casper Electric, Casper, WY
 MEP Sub-Contractor: KK Mechanical, SLC, UT
 Commissioning Agent: Beaudin Ganze Consulting Engineers, Inc., Avon, CO
 Owners Representative: NV5/Consilium Partners, Denver, CO

CMAR: Sampson Construction Co., Inc., Cheyenne, WY

Major Contractors/material suppliers working on project:

Excavation Ramshorn Construction, Casper, WY
 Drilled piers Elco Drilling, Casper, WY
 Concrete forming & reinforcing Jack Daniels Construction, UT
 Concrete reinforcing supplier Teton Steel, Casper, WY
 Electrical Casper Electric, Casper, WY
 Structural Steel supplier Western Slope Iron and Supply, Grand Junction, CO
 Masonry Contractor Soderberg Masonry, Fort Collins, CO

Sampson Construction GMP: \$80,236,982 (SFD funded incl Alternates & Enhancements)

Total Project: \$86,623,362 (incl Change Orders + Enhancements)

Project Construction Contingency: \$1,640,828 Balance Remaining: \$173,687

Paid: \$79,719,869 % Complete: 93%

Architectural Design fees (includes change orders): \$5,300,122.00

Paid to date: \$5,065,172 % Complete :96%

FF&E Budget: \$3,294,755

Milestone	Schedule Date	Comment
Student Parking lot & Campus drive complete Peninsula lot (Fall 2017)	Fall 2017	Ongoing
Landscaping, majority of site	Summer 2017 through June 2018	Ongoing

1. Project Description Kelly Walsh High School new building and demolition of existing building on current site
2. Project Description Kelly Walsh High School new building and demolition of existing building on current site
 - New KWHS building with all enhancements Gym, Lower Level PE/Running Track, CTE, Commons, exist pool and adjacent spaces = 335,262 SF (total enhanced = 71,349 SF). Existing KWHS building = 342,778 SF
 - Student design capacity is 1,574 students (building additions are planned for future increase in KWHS enrollment)
 - Seating capacity is 2,320 seats for the main gym and 495 seats for the aux gym.
 - Seating capacity in the renovated theater is 542
 - Building design has been modified to include saving the existing theatre and incorporation into the new building. (Existing theatre is being renovated, nearing completion)
3. Activities in Progress
 - **Site Issues**
 - The slope outside the wrestling room west entrance is not acceptable. A PR has been issued.
 - **Construction Issues & Challenges**
 - Snowmelt System
 - Warranty will not start until the entire system is commissioned per Sampson in OAC #201
 - Gymnasium Sound System – NCSD has requested that RB+B fund a replacement sound system.

**Natrona County School District No. 1
Construction Project Report
November 27, 2017**

Project: Natrona County High School Renovations, Main Bldg
Address: 930 South Elm Street, Casper, WY 82601
Project Phase: Phase 5 & 6 Construction punch list on going

NCSD Project Manager: Dennis Bay/Doug Tunison
Architect: Bassetti Architects, Seattle, WA and
Amundsen Associates, Casper, WY
Civil Engineer: Worthington Lenhart and Carpenter, Inc. (WLC), Casper, WY
Structural Engineer: PSC Structural Solutions, Tacoma, WA
Mechanical/Plumbing Engineer: WSP Group, Seattle, WA
Electrical Engineer: WSP Group, Seattle, WA
Theatre Consultant: PLA Designs, Inc., Aloha, OR
Electrical Sub-Contractor: Casper Electric, Casper, WY
Mechanical/Plumbing Sub-Contractor: GW Mechanical/Sheet Metal Specialties, Casper, WY
Commissioning Agent: Group 14 Engineering, Inc., Denver, CO
Owners Representative: NV5/Consilium Partners, Denver, CO

CMAR: A-P WY, Cheyenne, WY

A-P WY GMP: \$93,902,186 Total Project: \$96,605,744 (incl Enhancements + change orders)
Paid = \$96,248,848 % complete = 99.6%

AP GMP breakout by phase:
Early site development and general conditions = \$23,391,642
Phase 3 = \$30,736,324
Phase 4 = \$15,320,676
Phase 5&6 = \$26,122,266

A-P Wyoming Construction Contingency = \$2,404,644 Balance Remaining: \$12,906 (Nov. 7)

Bassetti Design fees (incl. Moving): \$12,349,440
Paid: \$10,995,123 % Complete :90%

FF&E Budget: \$3,653,010

Milestone	Schedule Date	Comment
Phase 5 & 6; Construction punch list continuing		

1. Project Description

- Natrona County High School Renovations, including detailed work to preserve the integrity of the historic building while accommodating the learning needs of today's students
 - New NCHS building with all enhancements CTE, and MACC = 364,729 SF (total enhanced = 62,085 SF). Original NCHS building + VocED = 327,544 SF
 - Student design capacity is 1805 students
 - Seating capacity in the main gym is 1,762 and seating capacity in the renovated theater is 837
3. Activities in Progress: Phases 5 & 6 punch list completion
 4. Broadcast media renovation of classroom continuing, completion Holiday break December, 2017

Natrona County School District No. 1
Construction Project Report
November 27, 2017

Project: Final Build-Out of NCHS MACC
Project Phase: Design
Address: 930 S Elm

NCSD Construction Budget: \$1,150,000

NCSD Project Manager: Doug Tunison
Architect: GSG Architects, Casper WY
General Contractor: TBD

Major Contractors/material suppliers working on project:

- TBD

Project Description:

200 meter indoor track, two high jump areas, one long jump runway with pit, one pole vault runway with vault box, ground level storage area along north building, new timing/scorekeeping area above the NE corner of the ground level storage – electrical and technology infrastructure to support events, new track surfacing, minor modifications to the MEP systems, new low profile athletic wood flooring

Alternates include: mezzanine storage full length above the ground level storage area, two suspended basketball goals from building roof framing for main N-S court, two recessed wood basketball courts, additional long jump runway with pit

Contractor selection and Board approval January 22, 2018
April 15, 2018–Construction begins
October 15, 2018–Construction complete

Activity in Progress:

Design (completed and out for contractor bidding December 18, 2017
Construction Bid date, January 18, 2018

**Major Maintenance
November 27, 2017**

Project Manager: Doug Tunison

Major Maintenance Projects Active:

- **Major Maintenance Projects Active:**
- CCA/FMS Repair Commons Area Walls With Durable Wainscoting
- CYMS Repair Parking Lot and Correct Drainage (Execution)
- Centennial Exterior LED Retrofit (Execution)
- Centennial HVAC DDC Replacement (Close-Out)
- Evansville Front Entry Secure Vestibule (Planning for summer construction)
- DMJH Replace Stage Lighting Controls (Design)
- DMJH Cafeteria Lighting LED Retrofit (Design)
- DMJH Repair Storm Drains (Execution)

- Planning Execution of FY17-18 Major Maintenance Projects

- Planning FY18-19 Major Maintenance Program