



TO: Board of Trustees
FROM: Dennis Bay, Executive Director Human Resources and District Services
DATE: April 23, 2018
SUBJECT: Construction Projects Reports

The construction reports for projects in progress as of April 23, 2018, are attached for your information.

Pay Applications for all Capital Construction Projects for the month of April 2018 is estimated to total just over \$1.6 million.

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

Construction Highlights April, 2018

- KWHS:
 - Athletic fields topsoil has been stockpiled, awaiting spreading
 - Landscaping West of student parking and East of stadium is awaiting sod placement; early-mid May
 - Parking lot North of pool is being constructed; 169 additional parking spaces completed July 2018
 - Remainder of site landscaping ongoing
 - Temporary road to NW parking lot has been removed, area has been re-graded, and new fencing will be installed

- NCHS:
 - Phases 5 & 6 construction punch lists/warranty items continue being completed
 - Building HVAC systems/operations are not all functioning as designed; full building commission will start in May for final & total operation
 - Gym floor will be re-sealed this summer

- KWHS Track:
 - Site fencing on going; complete for State Track
 - Remainder of landscaping on going; complete for State Track
 - Track storage shed new metal roofing/siding on-going; complete for State Track

- NCHS MACC Final Build out:
 - Demolition of “swing space” classrooms completed
 - North storage area is being constructed
 - Wood basketball floor is being demolished
 - New rubber track rough layout is starting
 - Construction complete scheduled October 15, 2018

- Lincoln Pre-School addition:
 - Foundation & floor slab are complete
 - Exterior sidewalks on going
 - Wall construction starting first of May
 - Construction complete August

**Natrona County School District No. 1
Construction Project Report
April 23, 2018**

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

Project Phase: Construction

NCSD 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: \$60,096

Paid: \$84,896,230 % Complete: 98%

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

Paid to date: \$5,295,122 % Complete :99%

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

Milestone	Schedule Date	Comment
Addnl North Pool parking lot	Completion July 2018	Ongoing
Landscaping, remainder of site	Completion July 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

➤ **Exterior parking lots and remainder of site landscaping**



New topsoil for Athletic Fields



Landscaping West of student parking



New North Pool parking lot



Temporary Road to NW parking lot removed

**Natrona County School District No. 1
Construction Project Report
April 23, 2018**

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 = \$96,563,274 % complete = 99.9%

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

Bassetti Design fees (incl. Moving): \$12,390,983
Paid: \$12,076,468 % Complete :97.5%

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

Milestone	Schedule Date	Comment
Phase 5 & 6; Construction punch list/warranty 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/warranty items being completed
- Building HVAC systems/operations are not all functioning per design, full building commission will start in May for final & total operations sequencing
- Gym floor will be re-sealed this summer

Natrona County School District No. 1
Construction Project Report
April 23, 2018

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

NCSD Construction Budget: \$1,500,000

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

Major Contractors/material suppliers working on project:

- Advanced Wall Systems (Casper Wyoming)
- Plumbing Masters (Casper Wyoming)
- Air Innovations (Casper Wyoming)
- City Service Electric (Casper Wyoming)
- Conner Sports Flooring (Elk Grove Illinois)

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, and additional long jump runway with pit

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

Activities in Progress:

- Construction of storage area
- Layout for depressed slab demolition
- Installation of steel curtain framing
- Rough layout of new rubber track



North Storage Framing



MACC Curtain Framing and layout for depressed slab and track

Natrona County School District No. 1
Construction Project Report
April 23, 2018

Project: Pre-School Classroom Addition to Lincoln ES
Project Phase: Construction
Address: 945 N. Jane St.

NCSD Design & Construction Budget: \$670,000

NCSD Project Manager: Doug Tunison
Design/Build Team: Stateline #7 Architects/Pope Construction, Casper WY

Major Contractors/material suppliers working on project:

Landscaping – J&G Landscaping – Casper WY
Masonry – Slee Enterprises – Casper WY
Cabinets – Eggli Brothers – Lander WY
Damp proofing – JS Enterprises – Casper WY
Structural Steel – Pepper Tank – Casper WY
Roofing – Big Horn Roofing – Laramie WY
Metal siding – K&K Siding – Casper WY
Foam Insulation – RAM Insulation – Casper WY
Windows – Casper Window and Door – Casper WY
Door frames, doors, hardware – Doorways, Inc – Cheyenne WY
Steel studs, sheetrock, ceilings – Concept Construction – Casper WY
Painting – Todd Lee and Sons – Casper WY
Flooring and tile – Professional Flooring – Casper WY
Specialties – S/D Inc – Casper WY
Fire sprinkler – Front Line Fire – Casper WY
Plumbing – GW Mechanical – Casper WY
HVAC – Air Innovations – Casper WY
Electrical – Cunningham Electric – Casper WY

Project Description:

Building Addition to include 2 new Pre-School classrooms w/ restrooms connected to the existing Lincoln ES



Lincoln Pre-School Classrooms (Floor slab & sidewalk)

Major Maintenance Project Report

April 23, 2018

Project Manager: Doug Tunison

Major Maintenance Projects Active:

- Bar Nunn Replace Playground Equipment (Complete)
- CCA/FMS Repair Commons Area Walls With Durable Wainscoting (Bidding)
- CCA/FMS Replace Commons Lighting with LED (Execution)
- CCA/FMS Replace Exterior PA Speakers (Execution)
- CCA/FMS Replace Exterior Cameras/Install Interior Cameras (Design)
- CCA/FMS Repair parking lot and correct drainage (Design)
- Centennial Interior LED Retrofit (Bidding)
- Cottonwood Replace HVAC Controls (Complete)
- Centennial Replace irrigation system (Bidding)
- Centennial Improve sound control in cafeteria
- Cresthill Replace Computer Managed Locks (Design)
- Cresthill Replace Exterior Lighting With LED (Execution)
- Cresthill Repair wall damaged by vehicle (Bidding)
- CSF (Bus Barn) Install Fire Sprinkler System (Execution)
- CSF Replace Federal Pacific Electrical Panels (Complete)
- CYMS Repair Parking Lot and Correct Drainage (Execution)
- CYMS Correct Fire Sprinkler System Deficiencies (Complete)
- DMJH Replace Stage Lighting Controls (Execution)
- DMJH Cafeteria Lighting LED Retrofit (Execution)
- DMJH Abate and replace cafeteria tile
- Evansville Front Entry Secure Vestibule (Bidding)
- FCA Replace Computer Managed Locks (Design)
- Journey Install Additional Buzz-In Systems for Wings (Execution)
- KWHS Re-caulk stadium seating (Design)
- KWHS Replace Track Shed Siding & Roof (Execution)
- Midwest Replace Exterior and Interior Lighting with LED (Bidding)
- NCHS Replace irrigation system north of football field (Design)
- OT Replace Computer Managed Locks (Design)
- OT Repair parking lot (Bidding)
- Poison Spider Replace chiller (Design)
- PV Replace Computer Managed Locks (Design)
- PV Repair parking lot (Bidding)
- Sagewood Replace Interior Lights with LED (Execution)
- Sagewood Install fire sprinkler system (Execution)
- Sagewood Repair parking lot (Bidding)
- Southridge Repair HVAC Controls (Execution)
- Southridge Sealcoat and restripe parking lot (Bidding)
- Summit Replace HVAC Controls (Bidding)
- Verda James Replace HVAC Controls (Execution)
- WLC Repair parking lot and correct drainage issues (Bidding)
- WLC Retrofit lighting with LED (Design)

Planning Ongoing for FY18-19 Major Maintenance Program