TO: Board of Trustees

FROM: Dennis Bay, Executive Director Business Services

DATE: June 10, 2016

SUBJECT: Construction Projects Reports

The construction reports for projects in progress as of June 10, 2016, are attached for your information.

Pay Applications for all Capital Construction Projects for the month of May, 2016 is estimated to total just over $3.9M, and for the month of June, 2016, is estimated to total just over $5.5M.

(This includes design, construction, project management, construction material testing, abatement, City fees and service utilities)
• P.I.C. – Roosevelt HS:
  o Certificate of Occupancy from City, June 10
  o Site work/landscaping in progress
  o FF&E Installation in progress
  o Moves in progress
  o Fab Hall Overhead Crane delivered June 9

• KWHS:
  o Temporary Certificate of Occupancy May 27 from City, Final scheduled June 17
  o Lower level PE and Track is almost complete, track surface has been completed
  o FF&E State and District funded continues to be ordered, some items are being delivered
  o Move in is continuing
  o Theatre renovation is continuing

• NCHS:
  o Stage rigging has been completed
  o SW Drama and temporary Music rooms work is finishing
  o Contractor continues complete punch list on Areas that have been “punched”
  o CTE metal storage building (service yard) has been ordered for construction summer 2016
  o Existing VoAg building has been moved out of, prepping for abatement and demo this summer

• Bar Nunn ES Addition + new Preschool (2 room addition) +existing building renovation:
  o Contractor is mobilizing to site
  o Building Permit has been issued

• New Capacity ES (old CYJHS site) new site where Mills ES will be located:
  o Groundbreaking ceremony took place June 10, 2016
  o Mills ES students, staff, parents will choose new name, mascot and school colors
  o Structural steel installation in progress
  o Foundation concrete 100% complete
  o Crawlspace vapor barrier and rock 50% complete

• KWHS Pool:
  o Pool construction continuing
  o Pool completion planned for September, 2016
  o Adjacent Shop spaces renovations completion February, 2017
Natrona County School District No. 1
Construction Project Report
June 10, 2016

Project: Roosevelt HS/P.I.C. (Pathways Innovation Center)
Address: 3000 Independence Court, Casper, WY 82604

Project Phase: Construction

NCSD Project Manager: Keith Brown
Architect: MOA Architecture, Casper, WY and Cunningham Group, Minneapolis, MN
Civil Engineer: Civil Engineering Professionals, Inc. (CEPI), Casper, WY
Structural Engineer: Structural Solutions, Martin/Martin, Cheyenne, WY
Mechanical/Plumbing Engineer: Engineering Design Associates (EDA), Casper, WY
Electrical Engineer: Engineering Design Associates (EDA), Casper, WY
Commissioning Agent: Group 14 Engineering, Inc., Denver, CO
Owners Representative: NV5/Consilium Partners, Denver, CO
General Contractor: Contractor: Groathouse Construction, Casper, WY


<table>
<thead>
<tr>
<th>Milestone</th>
<th>Schedule Date</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>P.I.C. &amp; RHS Construction Complete</td>
<td>June 10, 2016</td>
<td>Planned</td>
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<tr>
<td>P.I.C. &amp; RHS Certificate of Occupancy</td>
<td>June 10, 2016</td>
<td>Planned</td>
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<tr>
<td>Moving into buildings</td>
<td>June 27, 2016</td>
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<tr>
<td>Building Exterior Envelope</td>
<td>99% Complete</td>
<td>June 10, 2016</td>
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<tr>
<td>(CMU/Framing/Sheathing/Roofing/Insulation/Brick/Panels)</td>
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<tr>
<td>Building Interior Framing and Drywall</td>
<td>99% Complete</td>
<td>June 10, 2016</td>
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<tr>
<td>Mechanical, Electrical, Plumbing,</td>
<td>99% Complete</td>
<td>June 10, 2016</td>
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<tr>
<td>Fire Sprinkler (MEP) Rough In</td>
<td></td>
<td></td>
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<tr>
<td>Ceilings, Finishes, and Accessories</td>
<td>99% Complete</td>
<td>June 10, 2016</td>
</tr>
<tr>
<td>Landscape Complete</td>
<td>Mid July</td>
<td>Planned</td>
</tr>
</tbody>
</table>

Major Contractors/material suppliers working on project:
Earthwork, Site Utilities Ramshorn Construction, Casper, WY
Drilled piers Elco Drilling, Casper, WY
Building Concrete S2M, Glenwood Springs, CO
Electrical Casper Electric, Casper, WY
HVAC & Plumbing Sheet Metal Specialties, Casper, WY
Structural Steel supplier Pepper Tank, Casper, WY
Masonry Contractor Wright Masonry, Salem, UT
Roofing Contractor Big Horn Roofing, Laramie, WY
Doors & Hardware Doorways of WY, Cheyenne, WY
Coiling Doors/Grilles  
Overhead Door, Casper, WY

Metal Stud framing & Drywall  
Advanced Wall Systems, Casper, WY

Wood Gym Flooring  
Whited Flooring, Casper, WY

Operable Partitions  
SD Inc., Casper, WY

Site Concrete & Asphalt  
Knife River, Casper, WY

Groathouse self perform work  
$5,819,768

Groathouse Construction Total Sum to Date for both projects: $41,310,479

  P.I.C. Construction:  $24,022,357 (63.75% of total)
  RHS Construction:  $13,404,210 (36.25% of total)

Project Contingency:  $5,347,781  
Contingency Balance:  $4,702,222

Amount earned to date: $38,426,567 (Includes Retainage)  
% Complete: 93%

Architectural Design fees P.I.C.: $2,537,317  
Paid to date: $2,439,643  
% Complete: 96%

Architectural Design fees RHS: $1,350,523  
Paid to date: $1,287,586  
% Complete: 95%

P.I.C. FF&E Budget:  $1,022,400  
RHS FF&E Budget:  $581,365

1. Project Description
   - New High School Campus for Roosevelt High School (RHS), and Pathways Innovation Center (P.I.C.)
   - The P.I.C. facility allowable square footage is 83,835 square feet (SF), 500 student capacity
   - The RHS facility allowable square footage is 42,240 SF, 220 student capacity (existing RHS square footage including 6 portables is 28,984 SF)

2. Activities in Progress
   SITEWORK:
   - Stairs and ramps at North Entry; Complete
   - Landscaping; 20% complete, installing mainlines
   - Pouring Mow Strips; 80% Complete

   RHS:
   - Wall Glass at Presentation Stairs; 5% Complete
   - Grid ceiling tile; 99% Complete
   - Painting; 90% Complete
   - Punch Prep; In Progress

   RHS to P.I.C. “link”:
   - Misc. Punch Prep

   P.I.C. EAST:
   - Back punch to start after Roosevelt is complete.
   - Punch Prep: Film studio control room, therapy pool

   P.I.C WEST:
   - Back punch to start after Roosevelt is complete.
   - Punch Prep: Think tank, admin office
Project Schedule Progress:
  • Substantial completion, Occupancy is scheduled for June 10, 2016
  • Substantial completion, Site Work is scheduled for Mid-July 2016

Project Schedule Progress:
  • Substantial completion, Occupancy is scheduled for June 10, 2016
  • Substantial completion, Site Work is scheduled for Mid-July, 2016
PIC Robotics Lab

PIC Fabrication Shop
PIC Film Studio

PIC Link Adjacent to MDF
PIC Presentation Stairs

PIC Therapy Pool Room
PIC Therapy Room

PIC Healthcare Room
Link Upper Level

RHS Science Room
Roosevelt Art Room

RHS Think Tank
Roosevelt Think Tank

RHS Presentation Stairs
RHS Exercise Room

Presentation Stair Floor
RHS Entrance

RHS Main Level Growler
Northwest Elevation of PIC

Southwest Elevation of PIC
PIC Southern Elevation

Link Southern Elevation
Natrona County School District No. 1  
Construction Project Report  
June 10, 2016

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

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: $86,257,128 (incl Change Orders + Enhancements)  
Paid: $69,726,119.00 % Complete: 81%

Architectural Design fees (includes change orders): $5,300,122.00  
Paid to date: $4,707,083.74 % Complete: 88%

FF&E Budget:  $3,131,772 – Bid January 19, 2016 – Bids received under budget

- Access to Site WebCam: http://www.ncsdtransform.org/kellywalsh

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Schedule Date</th>
<th>Comment</th>
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<tbody>
<tr>
<td>West Building Interior Framing</td>
<td>Complete Early 2016</td>
<td>Complete</td>
</tr>
<tr>
<td>West Building Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP) Rough In</td>
<td>Complete Early 2016</td>
<td>Ongoing</td>
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<tr>
<td>East Building Ceilings, Finishes, and Accessories</td>
<td>Complete Spring 2016</td>
<td>Complete</td>
</tr>
<tr>
<td>Project Description Kelly Walsh High School new building and demolition of existing building on current site</td>
<td></td>
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<tr>
<td>----------------------------------------------------------------------------------------------------------------</td>
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<tr>
<td>2. Project Description Kelly Walsh High School new building and demolition of existing building on current site</td>
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<tr>
<td>• 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</td>
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<tr>
<td>• Student design capacity is 1,574 students (building additions are planned for future increase in KWHS enrollment)</td>
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<td>• Seating capacity is 2,320 seats for the main gym and 495 seats for the aux gym.</td>
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<tr>
<td>• Seating capacity in the renovated theater is 542</td>
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<tr>
<td>• Building design has been modified to include saving the existing theatre and incorporation into the new building. (Existing theatre will be renovated during the last months of the completion of construction phase of the new building, starting Spring 2016 – Fall 2016)</td>
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<tr>
<td>3. Activities in Progress</td>
<td></td>
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<tr>
<td>Site Work:</td>
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<tr>
<td>• Phase 1 (complete Fall 2016) – The area surrounding new Kelly Walsh</td>
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<tr>
<td>o Site concrete at service yard mostly complete, sidewalk prep and pour ongoing south main building, west of Area C, north of Areas G/H. Some site grading ongoing around corner of 12th and Walsh, north of Area G and H, and west of Area A &amp; C.</td>
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<tr>
<td>• Phase 2 (complete Fall 2017) – The area of campus east of the stadium and north of new Kelly Walsh</td>
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<tr>
<td>o Existing building move out ongoing</td>
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<tr>
<td>o Abatement starting in existing building</td>
<td></td>
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<tr>
<td>• Phase 3 (complete July 2018) – The area of campus north of soccer fields and west of stadium</td>
<td></td>
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<tr>
<td>Theater Renovation &amp; New Music Wing:</td>
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<tr>
<td>• Theater wing select demo started 3/18 and remains ongoing</td>
<td></td>
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<tr>
<td>• Structural steel installation appears complete. Catwalk steel appears complete</td>
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<table>
<thead>
<tr>
<th>Project</th>
<th>Completion</th>
<th>Status</th>
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<tbody>
<tr>
<td>West Building Ceilings, Finishes, and Accessories</td>
<td>Spring 2016</td>
<td>Ongoing</td>
</tr>
<tr>
<td>East Building Closeout Activities (pre-punch, punch list, commissioning)</td>
<td>Complete Spring 2016</td>
<td>Behind Schedule – will complete Summer 2016</td>
</tr>
<tr>
<td>West Building Closeout Activities (pre-punch, punch list, commissioning)</td>
<td>Complete early Summer 2016</td>
<td>Behind Schedule – Ongoing and will complete Summer 2016</td>
</tr>
<tr>
<td>New building occupancy</td>
<td>Summer 2016</td>
<td>Ongoing</td>
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<tr>
<td>Theatre renovation</td>
<td>Spring 2016 - Fall 2016</td>
<td>Ongoing</td>
</tr>
<tr>
<td>New Music wing</td>
<td>Summer 2016 – Summer 2017</td>
<td>Started</td>
</tr>
<tr>
<td>Project Complete (all parking lots and landscaping)</td>
<td>Summer 2018</td>
<td>Planned</td>
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</table>
• Exterior framing and sheathing ongoing. Spray foam installation ongoing.
• Theater roofing demo and new installation ongoing
• MEP rough in ongoing
• Furring strips for wood veneer acoustic panels ongoing
• Asbestos abatement complete at theater and existing music wing to be demolished for new music wing construction.

Main Building:

• East Building (Areas G & H) Substantial Completion Date Per Contract = 4/1/2016
• Temporary Certificate of Occupancy (for move in) achieved on 5/27/2016 for Areas G&H, Area C Locker Rooms, and Area B Gym Spaces. Sampson states CO to include Area D CTE labs, Lower Level Area B running track, and Area F Kitchen/Commons will follow on 6/3.


• Final construction clean ongoing throughout building.

• West Building (Areas A-D, F) Substantial Completion Date Per Contract = 6/3/2016
• Existing gymnasium wood floor salvage (for installation at grand stair) ongoing
• Drywall tape and finish continues at Area F. - complete
• Doors and Windows - Interior storefront needs installed at east commons upper level conference room - complete. Fire doors installation at Area G/H ongoing - complete. Interior doors and hardware installation ongoing throughout building; complete in areas where punch walk has occurred. Permanent cores installed in Areas G & H.
• Casework installation complete in Area H and G. Casework installation ongoing in Areas A-D & F.
• Finishes- Painting repair and punch list corrections ongoing in Areas G & H. Ceiling grid and ceiling tile installation appears complete.
• Flooring- Gym flooring install and finishing complete (both gyms). Lower level PE/running track striping ongoing. VCT installation complete in Area C/D corridor. Logo in east commons floor needs installation.
• Specialties- Kitchen equipment install and start up ongoing.
• Fire Suppression- Fire sprinkler system in main building complete.
• Plumbing - Plumbing fixtures and finishes installation ongoing in Areas A, B, C, D, F.
• HVAC- Test and balance ongoing. Mechanical contractor states all HVAC finishes are installed.
• Electrical- Electrical finishes ongoing in Area A, B, C, D, F.
• Communication- Data cabling ongoing in Areas A-D & F. Area A-D IDF room build-out ongoing. MDF room build-out ongoing. Sampson states all terminations are complete and being signal tests being performed.
• Roofing at Theater renovation complete. All ACM flashing at theater roof removed and contractor demobilized 4/12.
• Metal panel complete except at tie-ins to and paneling on theater building
• Rock cover and vapor barrier installation complete except the crawlspace under Area F grand stair which is ongoing
• Building commissioning scheduled to start first week of April 2016 – Pete Bond w/ BGCE delayed one week in order for more efficient commissioning (not everything is ready for BGCE review). Some commissioning has occurred (primarily emergency lighting and east building MEP). Commissioning MEP systems recommenced on 5/23.

Project Schedule Progress 10 days behind (as of June 10)

Construction Challenges:
  o Retaining the existing swimming pool; all new utility connections and closure walls (2) after demolition of remainder of KWHS building directly attributable to retaining the existing Pool building will be paid for by the SFD. District will be responsible for any work in spaces retained by District for future use (existing Wood Shop and existing Metal Shop and any site work necessary for the retainage of these existing spaces).
  o Construction Budget ??? – Transfer of remaining design funds needed to cover cost overruns in professional services due to construction schedule extension to June 29, 2018 and budget overruns from asbestos abatement.
Kelly Walsh HS Building Key Plan

Area A: Main level: Wrestling, Aerobics, Fitness/Weight, Health, Storage
Area B: Lower level = PE, Fitness, wt rm, running track  Main level = Aux & Main Gyms
Area C: Main level: Men's/Women's Locker Rms
Area D: CTE Shops & Agriculture classroom & lab
Area E: Lower level = Band/Instrumental Music, Drama Classrooms, Driver's Ed.  Upper level = Exist. Auditorium/Theatre & Vocal Music, Lobby
Area F: Lower level: Restrooms, Mechanical  Main level = Culinary Arts, School Kitchen/Serving, Loading dock, Commons
Area G: Main level = Admin. area/offices, Classrooms, HSHS Academy learning  Upper level = Classrooms, ACME Academy learning
Area H: Main level = Media Cntr., Classrooms, BANR Academy learning  Upper level = Classrooms, CACD Academy learning
Area D CTE Labs ready for punch review – Viewed from the north

New and existing FFE deliveries to Area D CTE labs – Viewed from the south
Area C/D final cleaning – Training room viewed from the north

Area C punch review in locker rooms – Viewed from the north
Area C/D corridor exterior storefront installation – viewed from the east

Aux gym ready for punch review – Viewed from the SW
Lower level running track striping complete – Viewed from the west

Existing FFE move in – CTE storage viewed from the south
Area C/D corridor – Viewed from the east

Handrail installation and salvage gym floor seating at Area F grand stair – Viewed from the SW
Area F prep for paint and pre-punch – Viewed from the south

Area F stairwell paint – Viewed from the south
Lower level area F storefront installation – Viewed from the east

Lower level Area B weight lifting cage – Viewed from the west
Lower level area B weight lifting flooring – Viewed from the east

Area E future music wing abatement – Viewed from the west
Site concrete north of Area B – Viewed from the east

Area E furring strip installation – Viewed from the west
Area E theater MEP rough in – viewed from the south

Area F casework and MEP finishes - viewed from the west
Area F MEP connections

Area F casework and paint – Receiving area pictured
Media Center move in – viewed from the south

Area F main kitchen MEP connections – Viewed from the north
Area G existing FFE move in – viewed from the west
Natrona County School District No. 1
Construction Project Report
June 10, 2016

Project: Natrona County High School Renovations, Main Bldg
Address: 930 South Elm Street, Casper, WY 82601
Project Phase: Phase 3 & 3a Construction complete, Phase 4 ongoing, Site Construction, Landscaping ongoing

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 (SFD funded) Total Project: $96,057,809 (incl Enhancement + change orders)

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

Phase 3: Paid $29,471,475 % Complete= 96%
Phase 4: Paid $13,442,796 % Complete= 88%
SFD Budget Unallocated Funds: $2,742,983 Balance remaining = $1,103,372
A-P Wyoming Construction Contingency = $2,404,644 Balance Remaining: $1,284,387

Architectural Design fees (incl. Cos): $12,323,923 Paid to date: $9,543,237 % Complete :77%

FF&E Budget: $3,943,892


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<tr>
<th>Milestone</th>
<th>Schedule Date</th>
<th>Comment</th>
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</thead>
<tbody>
<tr>
<td>Phase 3, 3a closeout</td>
<td>Complete</td>
<td>Complete</td>
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</tbody>
</table>
### 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

### 2. Activities in Progress
- **Phase 3 – Northeast Expansion**
  - Punch list & Commissioning – COMPLETE. Boilers and some MEP equipment installed in Ph3 will need to be re-commissioned as future phases come online.
- **Phase 4 – East & South Wing of Historic Building**
  - Masonry restoration contractor on site and infilling theater access point and new door on west elevation and installing historic granite stairs.
  - Theater rigging steel complete, catwalk steel complete, stage steel complete and fireproofing installed, handrail installation at stage steel ongoing.
  - Mechanical and plumbing finishes ongoing in 1st floor SW wing and theater
  - Electrical finishes ongoing in theater & 1st floor SW wing. Lighting controls programming complete in east and SE wings. Theatric lighting rough in ongoing at stage and catwalks.
  - Drywall tape and finish complete at SW wing; only area with shoring under theater stage remains. Plaster system ongoing in theater at south wall and adjacent to proscenium. Replacement decorative beam installation complete and final painted in Theater. Framing complete and drywall ongoing at wing walls to proscenium in Theater.
  - Painting correcting punch list at east wing. Crown molding restoration and paint complete in theater lobby, ongoing in theater. 1st floor SW wing drama space 1st coat painted “blacked out.” Mock up of rosette painting ongoing with NCHS admin input.
  - Historic theater windows restoration ongoing in theater – window glazing paint remains; extended cure time in process.
  - Exterior window installation complete – caulking ongoing at all areas.
• Site concrete ongoing on east and south site.
• Landscape irrigation installation ongoing. Excavation for and placement of topsoil ongoing. Landscaping ongoing
• Phase 5/6 – West wing of Historic Building & Arts/Athletics Expansion
  • Excavation for footings east of west wing ongoing, form and pour footings ongoing

Project Schedule Progress 0 days behind

Construction Challenges:
• Additional asbestos discovered in historic building scheduled for Phase 4 construction. Majority of the additional asbestos was in the historic theater. The additional asbestos abatement added time to the construction schedule. AP Wyoming accelerated efforts to complete Phase 3A (the connection of the NE expansion to the historic building including the new elevator) was completed prior to the start of the 2015-16 school year. AP Wyoming may need to accelerate their efforts in order to complete phase 4 on time to complete summer 2016. – Currently, theater is projected in order to complete phase 4 on time to complete summer 2016. – Currently, theater is projected to complete late August
• All existing infrastructure; electrical, mechanical, plumbing, intercom, fire alarm, etc. has to remain in place along with all new items until each phase is completed and new infrastructure is brought “on line” and accepted
• Moving to the “Swing Space” MACC building at each phase then moving back to the renovated/new portions of the Main building between phases will be completed with each phase through Early 2018
East site irrigation and landscaping – Viewed from the SW

Exterior window caulking – east elevation pictured
AP construction trailer move to south of stadium – Viewed from the south

Ph5 foundation walls – Viewed from the north
Granite stair install south of theater entrance

Granite stair install at SE plaza – Viewed from the south
Drama room pipe grid installation – Viewed from the north

Crown molding restoration at theater – Viewed from the north
SE stairwell complete – Viewed from the west

Door 3052 review – Viewed from the north
Swing space portable from north Casper elementary complete
Project: Bar Nunn Elementary School Additions & Renovation  
Project Phase: Pre-Construction

Address: 2050 Siebke Drive, Bar Nunn, WY 82601

Funding Sources: SFD & NCSD (2 New Preschool Classrooms)

NCSD Project Manager: Keith Brown
Design Architect: Stateline 7 Architects, Casper, WY
Contractor: Pope Construction Inc., Casper, WY

SFD Design & Construction Allocation: $4,092,089

Description

- Construct an addition to Bar Nunn Elementary School to allow it to convert to a 4/3 model to support a new capacity of 384 students with a 16,479 square foot addition including 2 Preschool classrooms (NCSD funded)
- Total number of classrooms will be twenty-two, not including rooms for other District programs.

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<th>Milestone</th>
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<td>Design</td>
<td>started October 23, 2015</td>
<td>Complete March 3, 2016</td>
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<tr>
<td>Bid Opening</td>
<td>April 13</td>
<td>Review</td>
</tr>
<tr>
<td>Contractor Recommendation to Board of Trustees</td>
<td>April 25, 2016</td>
<td>Complete</td>
</tr>
<tr>
<td>Construction Start</td>
<td>June 9, 2016</td>
<td>Planned</td>
</tr>
<tr>
<td>Substantial completion</td>
<td>July 7, 2017</td>
<td>Planned</td>
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Activity

- Replat has been completed & forwarded to the Town of Bar Nunn for Review and has been approved by the Town of Bar Nunn
- FF&E Design is complete
- Wardwell Water Line Extension Agreement has been signed by Wardwell Water and Sewer District.
- Letter of Credit for Bond on Fire Line Work needs to be issued by NCSD.
- Contract for Materials Testing returned to SFD.
- Bids for disposal of modular classrooms received; 2 Units will be demolished, and one sold and moved.
- Building Permit Issued by Town of Bar Nunn
- Construction Challenges
  - Foundation will be stem wall on spread footings. Floor will be slab on grade
  - New building structure will be completely independent from existing structure
  - Construction will be on-going while students are in classes, 2016-2017 school year
New Fire Line being installed North of current play area looking East

New Fire Hydrant installed looking South East
Project: New Capacity Elementary School (old CYJHS Site)        Project Phase: Construction
Address: 2211 Essex Ave, Casper, WY 82604

NCSD Project Manager: Doug Tunison
Architect: RB+B Architects, Fort Collins, CO
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
Commissioning Agent: Group 14 Engineers, Denver, CO
Owners Representative: NV5, Denver, CO

General Contractor: Sampson Construction Co., Inc., Cheyenne, WY

Major Contractors/material suppliers working on project:
Excavation 71 Construction, Casper, WY
Drilled piers Ludwig Drilling, Castle Rock, CO
Concrete forming & reinforcing Redline Construction, Casper, WY
Concrete reinforcing supplier Teton Steel, Casper, WY
Electrical Sub-Contractor: ITC, Casper, WY
Mechanical Sub-Contractor: GW Mechanical, Casper, WY
Structural Steel: Intermountain Erectors, Idaho Falls, ID
Masonry Contractor JH Masonry, SLC, UT

Sampson Construction Contract: $11,644,000 (SFD funded incl Alternates & Enhancements)
Total Project: $12,909,878 (incl Change Orders + Enhancements)
Paid: $726,006    % Complete: 5.6%

Project Construction Contingency: $590,369   Balance Remaining: $549,851

Architectural Design fees: $848,000
Paid to date: $587,250    % Complete: 69%

FF&E Budget: $718,665

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Schedule Date</th>
<th>Comment</th>
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<tbody>
<tr>
<td>Sampson Mobilize to Site</td>
<td>March 9, 2016</td>
<td></td>
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<tr>
<td>Building Construction</td>
<td>Start March 2016</td>
<td>In Progress</td>
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<tr>
<td></td>
<td>Complete late Spring 2017</td>
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<tr>
<td>Site Construction</td>
<td>Start Summer 2016</td>
<td>Planned</td>
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<tr>
<td></td>
<td>Complete Early Summer 2017</td>
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</tr>
</tbody>
</table>

1. Project Description Capacity Elementary School K-5 new building
   • 50,880 total square feet

2. Activities in Progress
o Crawlspace Drain System; 95% Complete
o Crawlspace Underground Electrical; Started
o Sanitary Sewer MH and Service to Building; Complete
o Roof drain Sleeves; Ongoing
o Stem walls and Pilasters; 50% Complete
o Drainage Channel w/ 8” Geocell Fill w/ Concrete; Complete
o PR #7 soft spot mitigation; Complete
o Vapor Barrier; 35% Complete
o Structural Steel; 5% Complete

Building Substantial Completion 6/16/17, extended from 5/31/17

Construction Challenges:
• Building new K-5 while maintaining access to Existing CYJH gymnasiums for athletics.
• Jobsite Location – drainage from adjacent geologic features
NW Corner of Area A Looking East from Gridline 2 x Gridline A

NW Corner of Area A, Gridline 2 x Gridline A, Column Connection
Gridline 5 x Gridline E, Column/Beam Connections

Gridline 5 x Gridline E Looking West, Structural Steel/Vapor Barrier
Gridline 5 x Gridline E Looking NW, Structural Steel/Vapor Barrier

Crawlspace Rock and Vapor Barrier Along Gridline 6
PR #7 Soft spot Mitigation
Project: Renovation of Existing KWHS Swimming Pool and Renovation of Existing Adjacent Spaces

Project Phase: Construction

Address: 3500 E. 12th Street, Casper, WY  82609

NCHS Construction Budget: $5,877,034  (includes $326,390 State Funded for infrastructure)

NCSD Project Manager: Dennis Bay & Doug Tunison
Architect:  RB+B Architects, Fort Collins, CO

General Contractor: TBD

Major Contractors/material suppliers working on project:
TBD

Project Description:

• Renovate existing pool building, locker rooms, upgrade pool equipment
• Renovate existing Wood Shop into swimming team staging area
• Addition of a new main entrance, public restrooms, concessions area
• Renovate portion of existing Metal Shop into a campus storage area

  o Design complete- project out to bid February 15, 2016
  o Construction bid March 4, 2016
  o Pool Construction start April 7, 2016
  o Pool Construction complete September 16, 2016
  o Shops renovations start August 1, 2016
  o Shops completion February 24, 2017

Activity: Project Construction

• Fire Sprinkler system installed
• Painting Ceilings and Walls
• HVAC installation
• Electrical service installation
• Electrical rough-in
• Plumbing rough-in
• Wall framing
Electrical Service Installation

New East Wall of Natatorium
Ceiling Primed

Chemical Storage Rooms
Locker Room Wall Preparation

New Wall in Pool Shallow End
Major Maintenance
June 10, 2016

Project Manager: Doug Tunison

- 16-17 Major Maintenance plan approved by the Board Construction Steering Committee 6/3/16
  - 97 Projects valued at $6.1 million
  - Activity
    - Bidding PV Re-roof
    - Bidding CYJH Gym Field Irrigation
    - Bidding planning Grant ES repair to structure
    - Bid planning for NCHS ball net
    - Awarded contract for Centennial HVAC controls to eLogic
- Planning execution of MM plan with MM Construction Manager