TO: Board of Trustees

FROM: Dennis Bay, Executive Director Business Services

DATE: April 19, 2016

SUBJECT: Construction Projects Reports

The construction reports for projects in progress as of April 19, 2016, are attached for your information.

Pay Applications for all Capital Construction Projects for the month of April, 2016 is estimated to total just over $5.9M.

(This includes design, construction, project management, construction material testing, abatement, City fees and service utilities)
Construction Highlights April, 2016

- P.I.C. – Roosevelt HS:
  - Interior painting P.I.C. is almost complete; RHS continues
  - Carpeting in P.I.C. is complete; RHS has not started
  - P.I.C. ProStart kitchen equip has been installed and is continuing to be finished; RHS kitchen equip is continuing to be installed
  - P.I.C. lights are being completed; RHS lighting installation continues
  - RHS gym equipment has been installed

- KWHS:
  - Upper floor Area G (partial) & Main floor G (partial) has had punch list created, Area H is being scheduled (Punch list activities behind schedule, was to start April 1)
  - Auxiliary gym wood flooring installation continues
  - Concrete site work ongoing along South and Southeast portions of building
  - FF&E State and District funded continues to be ordered
  - Theatre renovation is continuing

- NCHS:
  - East wing, 3 floors punch list continues
  - East wing casework, 3 floors touch up is on-going
  - Theatre work ongoing, ceiling is progressing, Lobby plaster work continues, new stage rigging framing has been installed
  - SW Drama and temporary Music rooms work continues
  - Contractor continues to pre-punch areas on East wing

- Bar Nunn ES Addition + new Preschool (2 room addition) + existing building renovation:
  - Construction bids under estimates, recommendation to award to Pope Construction, Casper, WY

- New Capacity ES (old CYJHS site):
  - Foundation construction continues, muddy site hampering construction progress
  - Groundbreaking ceremony planned for May

- KWHS Pool:
  - Pool construction started
  - Pool completion planned for September, 2016
  - Adjacent Shop spaces renovations completion February, 2017
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>May 27, 2016</td>
<td>Revised date is June 3</td>
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<tr>
<td>P.I.C. &amp; RHS Certificate of Occupancy</td>
<td>May 27, 2016</td>
<td>Planned</td>
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<tr>
<td>Moving into buildings</td>
<td>Summer 2016</td>
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<tr>
<td>Building Exterior Envelope (CMU/Framing/Sheathing/Roofing/Insulation/Brick/Panels)</td>
<td>P.I.C. 95% Complete RHS ongoing</td>
<td>May 27, 2016</td>
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<tr>
<td>Building Interior Framing and Drywall</td>
<td>P.I.C. 95% Complete RHS - ongoing</td>
<td>May 27, 2016</td>
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<tr>
<td>Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP) Rough In</td>
<td>P.I.C. 95% Complete RHS ongoing</td>
<td>May 27, 2016</td>
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<tr>
<td>Ceilings, Finishes, and Accessories</td>
<td>P.I.C. 95% Complete RHS – ongoing</td>
<td>May 27, 2016</td>
</tr>
<tr>
<td>Landscape Complete</td>
<td>June 17, 2016</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: $38,135,929
P.I.C. Construction: $24,311,655 (63.75% of total)
RHS Construction: $13,824,274 (36.25% of total)
Project Contingency: $5,347,781  Contingency Balance: $4,702,222
Amount earned to date: $34,533,492 (Includes Retainage) % Complete: 91%

Architectural Design fees P.I.C.: $2,537,317  Paid to date: $2,210,787  % Complete: 87%
Architectural Design fees RHS: $1,350,523  Paid to date: $1,287,586  % Complete: 95%

P.I.C. FF&E Budget: $1,021,090  RHS FF&E Budget: $580,620

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 ongoing
   • Asphalt base course has been installed at lower parking /CTE yard and North Entry to parking; No work being done in this area at this time due to inclement weather
   • Irrigation Mains; Material arrived on site, will start 4/11(weather is hampering)
   • North and East Sidewalk Grading; Complete
   • Amphitheater Grading; Complete

   RHS:
   • Handrails; 100% complete, painting
   • Weather Barrier; 98% complete (NW Corner waiting for weather)
   • Fiber Cement Siding at North Elevation; Complete
   • Metal siding at North and East Elevation; 99% complete
   • Electrical Rough-in of cable trays; 80% Complete
   • Wall tile; ongoing on main level; 95% Complete
   • Grid Ceiling Upper Level; 99% Complete
   • Casework; 95% Complete
   • Painting; 75% Complete
   • Glazing; 40% Complete
   • Kitchen Equipment Installation; Equipment is on site, installation 40% complete
- RHS to P.I.C. “link”: South Entry: Storefront Framing and Glazing sans doors; 99% complete
- Upper and main level painting; 60% Complete

P.I.C. EAST:
- Casegoods; installation in classrooms in progress on main and upper levels; complete main and upper
- Install Cementitious Siding at North Elevation; 95% complete
- Install metal siding at North Elevation; 99% complete
- Ceramic Tile at Therapy Pool; not started
- Installation of Drywall at Therapy; 80% Complete
- Electrical Trim Out on Main Level; ongoing
- Glazing; 70% Complete
- Doors; 60% Complete
- Flooring; 60% Complete

P.I.C WEST:
- Sun shades; 80% Complete, waiting on remainder of material
- Install Metal Siding at West Elevation; 90% complete
- Install Metal Siding (interior) at Fab Hall; Complete
- Install Cementitious Siding at West Elevation; 90% Complete
- Install openers Overhead Doors at FAB HALL; Complete
- Electrical Rough-in and cable pulls; 90% Complete
- Interior Glazing; 70% Complete
- Doors; 60% Complete
- Flooring; 90% Complete
- Wood Panel Installation; 80% Complete
- Presentation stairs/seating wood flooring started

Project Schedule Progress:
- Substantial completion, Occupancy is scheduled for June 3, 2016
- Substantial completion, Site Work is scheduled for June 17, 2016
- P.I.C. EAST and WEST: Wrapping up Interior Finishes

Construction Challenges:
- Collapsing soils have been and are currently being an issue with concrete slabs settling
- Moisture occurrences make the site difficult to have equipment moving around completing work

Project Schedule Progress:
- Substantial completion, Occupancy is scheduled for June 3, 2016
- Substantial completion, Site Work is scheduled for June 17, 2016
- P.I.C. EAST and WEST: Wrapping up Interior Finishes
- RHS appears to be behind schedule

Construction Challenges:
- Collapsing soils have been and are currently being an issue with concrete slabs settling
Presentation Area P.I.C. – Carpet and Transition

PIC West Kitchen – Equipment Installation
PIC West Therapy Pool – Panels

PIC West Therapy Pool - Plumbing
PIC West Therapy Room – Store Front

PIC West Gang Restroom – Toilet Partition Installation
PIC East – Classroom Glazing and Flooring

Link – Ventilation and Ceiling Painting
Link Fire Door – Tube Steel Installation

Roosevelt Kitchen – Equipment Install
Roosevelt Main Level – Glazing and Door Installation

Roosevelt Main Level – Countertop Installation
Roosevelt Presentation Stair – Ceiling Grid Installation

Roosevelt Gymnasium
Roosevelt SE Corner Entrance

Roosevelt Northside – Sidewalk
Roosevelt NE Corner

Link North Entrance – Ramp Foundation
PIC South Elevation

PIC East Playground Fence Installation
Natrona County School District No. 1
Construction Project Report
April 19, 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)
Project Construction Contingency: $1,640,828 Balance Remaining: $423,045
Paid: $66,002,473 % Complete: 77%

Architectural Design fees: $5,174,860
Paid to date: $4,217,418 % Complete: 81%

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

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

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<th>Milestone</th>
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<th>Comment</th>
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<tr>
<td>West Building Interior Framing</td>
<td>Complete Early 2016</td>
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<tr>
<td>West Building Mechanical, Electrical, Plumbing, Fire Sprinkler</td>
<td>Complete Early 2016</td>
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<td>MEP (MEP) Rough In</td>
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<tr>
<td>East Building Ceilings, Finishes, and Accessories</td>
<td>Complete Spring 2016</td>
<td>Behind Schedule</td>
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<tr>
<td>Project Description</td>
<td>Status</td>
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<tr>
<td>Kelly Walsh High School new building and demolition of existing building on current site</td>
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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 will be renovated during the last months of the completion of construction phase of the new building, starting Spring 2016 – Fall 2016)

3. Activities in Progress
   - Theater Renovation:
     - Abatement start 3/18/2016. Preconstruction meeting held with Horsley on Wednesday, 3/16. Horsley mobilized to site 3/21. Interior abatement completed 3/25. Roof flashing abatement delayed due to weather...needs to be rescheduled
     - Theater wing select demo started 3/18
   - East Building (Areas G & H) Substantial Completion Date Per Contract = 4/1/2016
   - West Building (Areas A-D, F) Substantial Completion Date Per Contract = 6/3/2016
   - Drywall tape and finish appears complete at Area F. Drywall patch and repair ongoing in Area G main level.
Doors and Windows - Interior storefront system installation ongoing throughout building, complete in Areas H & G. Interior doors and hardware installation ongoing throughout building; complete in areas where punch walk has occurred.

Casework installation complete in Area H except misc counters need installed in corridors (installation ongoing this week) and nearing completion in Area G.

Finishes - Painting repair and punch list corrections ongoing in Areas G & H. Ceiling grid installation ongoing intermittently in Areas C, D, F. Athletic equipment installation in gymnasiums complete. Ceiling tile installation complete in area G & H classrooms. Ceiling tile installation complete in east commons.

Flooring - Resilient flooring complete in Area G. Carpet installation complete in Area H corridors & ongoing in Area G corridors. Gym flooring install ongoing. Floor and wall tile ongoing in Area F. Areas A-D & F epoxy flooring prep for and install of epoxy complete. Sealed concrete ongoing in Area D CTE lab area.


Fire Suppression - Fire sprinkler head installation in ceiling grid ongoing in Areas A-D & F.

Plumbing - Plumbing fixtures and finishes installation ongoing in Areas C, D, F, H, & G. Building commissioning started. Equipment startup ongoing. Plumbing insulation ongoing at crawlspace piping in all areas.


Electrical - Electrical rough in appears mostly complete with electrical finishes ongoing in Areas A, B, C, D, & F. Light fixture installation ongoing intermittently in Area C & D; appears complete where ceilings are installed. Equipment startup ongoing intermittently. Building commissioning started.

Communication - Pulling data cabling complete in Area H & G, ongoing in Areas A-D & F. Area H & G IDF appears nearing completion including (NCSD IT equipment) Area A-D IDF room build out needs to occur. MDF room build out ongoing. Century Link phone lines and data delivered to site.

Elevator installation at Area H & F substantially complete; need telephone, final adjustments, and inspections.

Roofing is to continue in the spring with the start up of Theater renovation April 2016

Metal panel installation re-work and installation ongoing intermittently

Rock ground cover installed in Area H, G, A, C, & D crawlspace; vapor barrier installation needs completed on sloped areas of crawlspace. Area F installation complete

Sampson pre-punch ongoing in Area G classrooms.

Building commissioning scheduled to start first week of April 2016 –delayed one week in order for more efficient commissioning (not everything is ready for BGCE review).

Site concrete at service yard ongoing, sidewalks ongoing south of Area C, F, G, and H. Site grading ongoing around corner of 12th and Walsh

Project Schedule Progress 12 days behind (as of April 1)

Construction Challenges:

- 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).
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 C/D IDF room rough in

Area C/D crawlspace misc electrical rough in
Area D AV and electrical rough in and finishes.

Stored material in auto lab – Viewed from the north
Wood floor installation at Area B main gym – Viewed from the south

Area C locker rooms - Viewed from the south
Theater wing demo and scaffolding installation – Viewed from the east

Theater wing demo – Upper level viewed from the north
Area F upper level duct work installation – Kitchen area pictured

Area F kitchen equipment installation – Viewed from the south
Area F east commons – Viewed from the south

Area G reception area – Viewed from the north
Area G main level south corridor – Viewed from the east

Area main level south classrooms rubber base installation – Viewed from the south
Area G main level center classrooms – Viewed from the north

Area G upper level lecture hall carpet installation – Viewed from the west
Area G upper level interior classrooms awaiting punch list corrections – Viewed from the north

Area G upper level south corridor – Viewed from the west
Area H main level classroom punch list corrections ongoing – Viewed from the west

Media Center casework installation – Viewed from the north
Concrete site work at CTE yard – Viewed from the south

Grading and layout for site concrete south of east Commons – Viewed from the west
Grading and layout for site concrete south Areas G & H – Viewed from the west

Survey and layout for site work north of Area H – Viewed from the east
Natrona County School District No. 1  
Construction Project Report  
April 19, 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 on going, 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 $29,279,861  
% Complete = 95%  
Phase 4: Paid $12,368,000  
% Complete = 81%  
SFD Budget Unallocated Funds: $2,742,983  
Balance remaining = $1,103,372  
A-P Wyoming Construction Contingency = $2,404,644  
Balance Remaining: $1,379,186

Architectural Design fees (incl. Cos): $12,323,923  
Paid to date: $9,210,550  
% Complete :75%

FF&E Budget: $3,943,892

or [http://www.ncsdtransform.org/natronacountyhighschool](http://www.ncsdtransform.org/natronacountyhighschool)

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<th>Comment</th>
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<tbody>
<tr>
<td>Phase 3, 3a closeout</td>
<td>Complete</td>
<td>Complete</td>
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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

- Punch list at 3rd & 2nd floor of east wing walked week of 3/21/2016. Ground and 1st floors walked 4/5-4/7
- AP states all rough in activity to complete in the theater by end of April, 2016.
- Theater rigging steel complete, catwalk steel ongoing, stage steel to start in 1-2 weeks
- Mechanical rough in ongoing in theater; mechanical and plumbing finishes ongoing in SW wing.
- Electrical rough in ongoing in theater & SW wings. Lighting controls programming ongoing in east and SE wings.
- Drywall tape and finish ongoing at SW wing. Plaster system ongoing in theater.
- Painting touch up ongoing ground and first floor and correcting punch list on 2nd and 3rd floors of east wing. Prime and paint ongoing in SW wing. Crown molding restoration and paint appears mostly complete in theater lobby.
- Roofing installation complete in all areas including re-roofing areas of Ph3 that were damaged from construction activity. – AP to schedule roofing manufacturer to review roof of Ph3 and Ph4
- Historic theater windows restoration on hold until finishes start in theater; frames painted and glazing in AP’s possession
- Exterior window installation on East wing complete, complete at south wing (courtyard side), SW wing install appears complete – caulking ongoing at all areas
- Excavation and backfill for SE plaza foundations appear complete, forming and pouring SE plaza concrete ongoing, site concrete ongoing on east site. Excavation for topsoil 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 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
Ground level east wing punch list – Viewed from the west

Site concrete at SE plaza – Viewed from the north
1st floor east wing ready for punch list – Viewed from the SE

SE stairwell drywall repair and restoration – Viewed from the west
Theater lobby paint and rosette restoration ongoing – Viewed from the north

Theater scaffolding – Viewed from the east
Theater plaster beam installation – Viewed from the north

New plaster beam installation detail – Viewed from the north
Theater wall plaster installation – North wall viewed from the east

Theater scaffolding viewed from the stage (west)
Drama room drywall installation – Viewed from the west

SW wing ground level casework installation – Viewed from the east
SW wing ground level casework and ceiling installation – Viewed from the south

2nd floor SW wing prep for flooring – viewed from the SW
2nd floor south corridor locker and seating installation – Viewed from the west

3rd floor SW wing prep for flooring – Viewed from the south
2nd floor east wing punch list corrections – Viewed from the south

3rd floor east wing punch list corrections – Viewed from the south
3rd floor south corridor – Viewed from the east

East site grading and prep for concrete – Viewed from the south
East site grading and prep for topsoil – Viewed from the south
Project: Bar Nunn Elementary School Additions & Renovation

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

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>
<th>Schedule Date</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>
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<tr>
<td>Contractor Recommendation to Board of Trustees</td>
<td>April 25, 2016</td>
<td>Planned</td>
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<tr>
<td>Construction Start</td>
<td>June 9, 2016</td>
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<tr>
<td>Substantial completion</td>
<td>July 7, 2017</td>
<td>Planned</td>
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Activity

- Proposal for Re-Platting of building lots signed – work now being performed.
- Replat has been completed & forwarded to the Town of Bar Nunn for Review and has been approved by the Town of Bar Nunn
- Architect has completed 100% Construction Design and approved by SFD.
- FF&E Design is underway 95%
- Wardwell Water Line Extension Agreement has been signed by Wardwell Water and Sewer District.
- Contractor Award approval by Board of Trustees April 25, 2016

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
Bar Nunn ES New Addition
Bar Nunn ES New Addition Floor Plan
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: $11,297,000 (SFD funded incl Alternates & Enhancements)
Total Project: $11,626,518 (incl Change Orders + Enhancements)
Paid: $456,662  % Complete: 4%

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

Architectural Design fees: $848,000
Paid to date: $559,687  % Complete: 66%

FF&E Budget: $718,665

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

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

62
2. Activities in Progress

- Interior Pier Caps; 60% Complete
- Grade beam Ex.; 70% Complete
- Crawlspace Drain System; 10% Complete
- Crawlspace Underground Electrical; Started
- Sanitary Sewer MH and Service to Building; 50% Complete
- Roof drain Sleeves; Started

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
Site Entrance – Viewed from North Entrance Driveway

Stockpile – Viewed from North Entrance Driveway
Site Work - Viewed from NE Corner of Building Site Looking West

Site Work - Viewed from NE Corner of Building Site Looking South
Site Work - Viewed from SE Corner of Building Site Looking North

Site Work - Viewed from SE Corner of Building Site Looking West
Site Work - Viewed from SE Hillside Looking Northwest

Site Work - Viewed from SW Hillside Looking Northeast
Site Work - Viewed from SW Hillside Looking Northwest

SWMP – Straw Wattles Adjacent to Western Entrance
Sanitary Sewer Line and Manhole Installation – Viewed from North Side of Building

Sanitary Sewer Line Installation – Viewed from North Side of Building – South of Manhole
Pier Cap Formwork and Reinforcing
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

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

Activity: Project Bidding period

- Bids Open Tuesday, 3/1/16
  - Low bidder is Sampson Construction
- Recommendation to CSC on 3/4/16
- Board Approved 03/14/16
- Coordinating schedule between abatement, move, demolition, and pool construction
- Asbestos abatement complete 3/25/16
- Contractor began to mobilize on 4/4/16
- Demolition started 4/7/16
- Scaffolding to start 4/18/16 for overhead work
Major Maintenance
April 19, 2016

Project Manager: Doug Tunison

- Executing 15/16 major maintenance program
  - Funds limited due to Dean Morgan Renovation and Bar Nunn projects use of MM funds
  - Projects include:
    - Landscaping and new exterior wall covering for CSF
    - Centralizing HVAC controls, District wide
    - Upgrade Aux Gym Lighting @ Midwest
    - Abatement and replace flooring @ Midwest kitchen
    - Exterior Door Replacement @ Mills
    - Replace Flooring @ UP, Gym hallway
    - Centennial HVAC Digital Control Replacement
- Planning 16/17 major maintenance program, anticipating full funding from SFD
  - Evaluating & Prioritizing 131 projects estimated at $5.8 million

SFD Funded Security Projects
Project Manager: Doug Tunison
Scope: 161 projects, $860,044
Activity
- 45 Projects currently in planning or execution, including
  - Bar Nunn Vestibule
  - Centennial Vestibule Improvements
  - Crest Hill Vestibule
  - Evansville Vestibule
  - Frontier Vestibule Improvements
  - Manor Heights Vestibule
  - Midwest Vestibule
  - Mtn View Vestibule
  - Oregon Trail Vestibule
  - Paradise Valley Vestibule Improvements
  - Park Vestibule
  - Verda James
  - Willard Vestibule Improvements