TO: Board of Trustees
FROM: Dennis Bay, Executive Director Business Services
DATE: March 11, 2016

SUBJECT: Construction Projects Reports

The construction reports for projects in progress as of March 11, 2016, are attached for your information.

Pay Applications for all Capital Construction Projects for the month of March, 2016 is estimated to total just over $4.6M.

(This includes design, construction, project management, construction material testing, abatement, City fees and service utilities)
Natrona County School District No. 1
Construction Project Report
March 11, 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>
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<tbody>
<tr>
<td>P.I.C. &amp; RHS Construction Complete</td>
<td>May 2016</td>
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<tr>
<td>P.I.C. &amp; RHS Certificate of Occupancy</td>
<td>May 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>Completion - ongoing</td>
<td>Planned</td>
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<tr>
<td>Building Interior Framing and Drywall</td>
<td>Completion - ongoing</td>
<td>Planned</td>
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<tr>
<td>Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP) Rough In</td>
<td>Completion - ongoing</td>
<td>Planned</td>
</tr>
<tr>
<td>Ceilings, Finishes, and Accessories</td>
<td>Completion – ongoing</td>
<td>Planned</td>
</tr>
<tr>
<td>Project Complete (landscaping)</td>
<td>June 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: $37,894,652
  P.I.C. Construction: $24,157,840 (63.75% of total)
  R.H.S Construction: $13,736,812 (36.25% of total)
Project Contingency: $5,347,781  Contingency Balance: $4,702,222
Amount earned to date: $31,723,002 (Includes Retainage)  % Complete: 83%

Architectural Design fees P.I.C.: $1,905,594  Paid to date: $1,820,822  % Complete: 94%
Architectural Design fees RHS: $1,090,522  Paid to date: $1,039,875  % Complete: 94%

P.I.C. FF&E Budget: $1,010,056  R.H.S FF&E Budget: $574,345

1. Project Description
   • New High School Campus for Roosevelt High School (R.H.S.), 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 R.H.S facility allowable square footage is 42,240 SF, 220 student capacity (existing R.H.S
     square footage including 6 portables is 28,984 SF)

2. Activities in Progress
   • R.H.S: Handrails / all levels
   • R.H.S: Drywall Installation on Upper Level
   • R.H.S: Tape, Fill and Finish Drywall on Main Level
   • R.H.S: Ceramic Wall Tile @ Public Restrooms /Installation on Main Level
   • R.H.S: Electrical “Home Runs” being pulled on Upper Level
   • R.H.S: Exterior Cementitious Siding at North Elevation
   • P.I.C. EAST: Drywall; Tape, Fill and Finish on Lower Level
   • P.I.C. EAST: Drywall Installation on Lower Level
   • P.I.C. EAST: Handrails / all levels
   • P.I.C. EAST: Texture and Paint, Main and Upper Levels
   • P.I.C. WEST: Carpet Installation on Upper Level
   • P.I.C. WEST: Glazing (South, North and West Elevation)
   • P.I.C. WEST: Metal Siding Installation at South and West Elevation
   • P.I.C. WEST: Painting on Upper, Main and Lower Levels

Project Schedule Progress:
   • Substantial completion, Occupancy is scheduled for May 27, 2016
   • Substantial completion, Site Work is scheduled for June 17, 2016
   • P.I.C. EAST and WEST: Install Overhead Doors at Shops
   • Campus: Site Work:
     o Amphitheatre seating-complete
     o Retaining Wall at North Side of P.I.C. - complete
     o Concrete Seats, South Side of P.I.C. EAST – complete
     o Retaining Walls at South Side of bldg – complete

3
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
Northeast Roosevelt – Site prep

P. I. C. Presentation Steps West Wall Wood Paneling
Project: Kelly Walsh High School new Building  
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: $63,046,749  
Architectural Design fees: $5,174,860  
Paid to date: $4,176,465

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>
</tr>
</thead>
<tbody>
<tr>
<td>West Building Interior Framing</td>
<td>Complete Early 2016</td>
<td>Ongoing - ahead of schedule, nearing completion</td>
</tr>
<tr>
<td>West Building Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP) Rough In</td>
<td>Complete Early 2016</td>
<td>Ongoing – ahead of schedule</td>
</tr>
<tr>
<td>East Building Ceilings, Finishes, and Accessories</td>
<td>Ongoing, Area H is being completed</td>
<td>Slightly Behind Schedule</td>
</tr>
</tbody>
</table>
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 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:
   - Move out scheduled to start 3/14/2016
   - Abatement and select Demo start 3/18/2016

   Main Building:
   - 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
   - Interior framing appears complete in main building. Drywall installation and acoustic sealing ongoing at upper level and main level of Area F; drywall tape and finish ongoing at same area.
   - Doors and Windows - Large exterior storefront and glazing ongoing throughout the building and appears mostly complete. Interior storefront system installation ongoing throughout building. Interior doors and hardware installation ongoing throughout building.
   - Casework installation complete in Area H (except many counters still need installed) and nearing completion in Area G.
- Finishes- Painting ongoing throughout building. Ceiling grid installation complete in commons, and area A while ongoing in Areas C, D. Athletic equipment installation ongoing intermittently in gymnasiums but appears mostly complete. Cut and border tile installation complete in area G. Ceiling tile installation in Area H classrooms complete; Ceiling tile installed in some Area H corridors. Ceiling tile installation ongoing in east commons.
- Flooring- Resilient flooring appears complete in Area G. Carpet installation ongoing in Area H corridors & G classroom and corridors. Wood flooring for Gym is staged in aux gym; gym flooring install started in main gym (subflooring). Ceramic tile ongoing in Area F. Areas A-D & F epoxy flooring prep for epoxy started first week of March.
- Scaffolding over Area F grand staircase installed week of 1/4/2016. – rough in and ceiling cloud installation complete at this area. – Scaffolding has been removed.
- Fire Suppression- Fire sprinkler rough complete in Area A-D & Area F; Fire sprinkler head installation in ceiling grid complete in Area H & G, ongoing in Areas A-D & F.
- Plumbing- Rough in ongoing in Area A-D, and rough in ongoing in Area C & D crawlspace areas. Sampson says all rough in will complete by mid-March. Plumbing fixtures and finishes installation ongoing in Areas C, D, H, & G. Equipment startup ongoing. Plumbing insulation ongoing at crawlspace piping in all areas.
- HVAC- Diffusers and flex lines installed in Area G & H ceiling grid. Rough is ongoing in Areas A-D and in Area C & F crawlspace; Sampson says all rough in will complete by mid-March. Equipment startup ongoing intermittently. Mechanical insulation ongoing at Area A-D crawlspace ductwork.
- Communication- Pulling data cabling complete in Area H & G, ongoing in Areas A-D & F. Area H IDF appears nearing completion including (NCSD IT equipment) & G IDF room build out continues, Area A-D IDF room build out needs to occur. MDF room build out ongoing.
- Elevator installation at Area H & F substantially complete; need telephone, final adjustments, and inspections.
- Roofing is to continue in the spring with the startup of Theater renovation April 2016.
- Metal panel installation re-work and installation ongoing Rock cover installed in Area H, G, A, C, & D crawlspace; vapor barrier installation needs completed on sloped areas of crawlspace and Area F – installation intermittent.
- Punch of Area H/G tentatively scheduled for the month of March – Sampson says main level Area H ready for punch 3/14.
- Building commissioning scheduled to start March 2016.

Project Schedule Progress 0 days behind

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).
EXISTING BUILDING TO BE DEMOLISHED
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 classrm. & lab
Area E: Lower level = Band/Instrumental Music, Drama Classrns., 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, Classrns., HSHS Academy learning  Upper level = Classrns., ACME Academy learning
Area H: Main level = Media Cntr., Classrns., BANR Academy learning  Upper level = Classrns., CACD Academy learning
Storefront installation at Area H wood wall – Viewed from the west

Area B main gym flooring installation – Viewed from the east
Area G wood wall and flooring installation – North corridor viewed from the east

Area G main level casework and counter top installation
Area H upper level south corridor – Viewed from the east
Natrona County School District No. 1  
Construction Project Report  
March 11, 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: $95,379,487 (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 $29,097,509  
Phase 4: Paid $10,314,208  
SFD Budget Unallocated Funds: $2,742,983  
A-P Wyoming Construction Contingency = $2,404,644

Architectural Design fees: $12,236,365  
Paid to date: $9,104,352

FF&E Budget: $3,943,892

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

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<tr>
<th>Milestone</th>
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<th>Comment</th>
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<tbody>
<tr>
<td>Phase 3, 3a closeout</td>
<td>Ongoing, Verification of Completion ongoing by Architect/Engineer(s)</td>
<td>All closeout (punch list, O&amp;M manual, owner stock turnover) to be completed</td>
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<tr>
<td>Phase 4; Construction Start East &amp; South portions of exist. Bldg. incl. Theatre &amp; Classrooms</td>
<td>Start Summer 2015</td>
<td>Ongoing Completion Summer 2016</td>
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<tr>
<td>Phase 5 &amp; 6; Construction Starts West and NW portions of exist. Bldg. incl. Band/Vocal, Classrooms, Courtyard, Arts and new Main gym</td>
<td>Start Summer 2016</td>
<td>Planned Completion Early 2018</td>
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<tr>
<td>Final Site Development completion</td>
<td>Start Summer 2017</td>
<td>Planned Completion Summer 2018</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 theater is 837

2. Activities in Progress
- Phase 3 – Northeast Expansion
  - Punch list – NCSD holding $28k for the remaining items yet to be completed. AP has requested final settlement and release of the remaining $28k of retainage. Remaining Punch list items need to be reviewed by Architect/engineers.
  - Commissioning – Gr14 was on site week of Jan 18 to review completed items. From that site visit, Gr14 found 6 items that need further review by the team. – Remaining issues being corrected over spring break.
- Phase 4 – East & South Wing of Historic Building
  - East wing punch list scheduled for week of 3/21/2016
  - Excavation complete in theater. Foundations and walls ongoing at SW wing and theater. Backfill at pits appears complete, grading for slabs ongoing.
  - Steel at south west wing and theater ongoing intermittently. Theater rigging steel ongoing.
  - Mechanical and plumbing rough in ongoing in theater & SW wings; mechanical and plumbing finishes ongoing in east and SE wings
  - Electrical rough in ongoing in theater & SW wings. Electrical finishes ongoing in east and SE wings.
  - Interior wall framing ongoing in theater and SW wing; appears on hold until SW stair core completes
  - Drywall tape and finish appears complete at ground floor east wing and in the south corridor on all floors. Wall plaster ongoing in theater lobby.
  - Painting ongoing all floors in east and SW wing.
  - Marker board installation complete in east and SE wings
  - Roofing installation complete in all areas including re-roofing areas of Ph3 that were damaged from construction activity. – AP scheduling roofing manufacturer to review roof of Ph3 and Ph4 “when a good weather window is available”
- 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 except at stair towers, ongoing at south wing (courtyard side)

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.
- 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
Theater scaffolding installation viewed from the stage (west)

Ground level construction cleaning and rubber base install – East Wing
Ground level bathroom accessories installation

Tile installation at 1st floor south corridor – Viewed from the east
2nd floor east corridor – Viewed from the south

2nd floor SW wing framing and drywall – Viewed from the north
Project: Dean Morgan Renovations and Campus Planning  Project Phase: Phase 2D  
Address: 1440 South Elm Street, Casper, WY  82601

Funding Sources: Major Maintenance Funding currently in fourth (last) year of 4 year project) This does not include the site work (new PE & athletic fields and new parking lot, this will be an additional Phase, not yet funded)

NCSD Project Manager: Keith Brown  
Architect: MOA Architecture, Casper, WY and Denver, CO  
Civil Engineer: Civil Engineering Professionals, Inc., Casper, WY  
Electrical Engineer: Engineering Design Associates, Casper, WY  
Mechanical Engineer: Engineering Design Associates, Casper, WY  
Structural Engineer: Daigle Engineering, Casper, WY  
CMAR: Groathouse Construction, Casper, WY

Major Contractors/material suppliers working on project:
Electrical  ITC, Casper, WY 
Plumbing  GW Mechanical, Casper, WY 
HVAC  Sheet Metal Specialties, Casper, WY 
Glazing/Windows  Overhead Door, Casper, WY 
Data, Intercom, Fire Alarm  Comtronix, Casper, WY  
Flooring  Hub Flooring, Casper, WY

Paid: $15,421,177

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<td>Phase 1 Construction Started</td>
<td>May 16, 2012</td>
<td>Completed August 2013</td>
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<tr>
<td>Phase 2 Construction Started</td>
<td>June 1, 2013</td>
<td>Completed June 2014</td>
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<tr>
<td>Phase 3A Construction Start</td>
<td>June 2, 2014</td>
<td>Completed August 2014</td>
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<tr>
<td>Phase 3B Construction Start</td>
<td>September 2014</td>
<td>Completed October 2014</td>
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<tr>
<td>Phase 3C.1 Construction Start</td>
<td>November 2014</td>
<td>Completed January 2015</td>
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<tr>
<td>Phase 3C.2 Construction Start</td>
<td>November 2014</td>
<td>Completed January 2015</td>
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<tr>
<td>Phase 3D Construction Start</td>
<td>January 2015</td>
<td>Completed February 2015</td>
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<tr>
<td>Phase 3E Construction Start</td>
<td>March 2015</td>
<td>Completed May 2015</td>
</tr>
<tr>
<td>Phase 4A Construction Start</td>
<td>June 2015</td>
<td>Completion February 2016</td>
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</table>
1. Project Description
   - Complete Renovation of existing building and Campus planning

2. Activities in Progress
   - Project is on schedule
   - Classroom renovations are being completed during the school year in phases with the use of the 4 portable classrooms located in the parking lot
   - Punch list items being performed on all phase 4.
   - Deconstruction of Original Electrical Switch Gear and Removal of Original Transformers complete.
   - Removal of modular classroom swing space complete.
   - Clean up & Demobilization underway.
   - Substantial complete date: 03/07/16.

**Construction Challenges:**
- Complete interior building renovation during school year with students attending school; work is being completed after school hours and weekends
- Scheduling the movement of classes as the renovation continues in the building continues with the use of the temporary four-classroom portable in existing north parking lot
  - Phasing of moves for renovation Family and Consumer Science Areas.

**Construction Challenges:**
- Complete interior building renovation during school year with students attending school; work is being completed after school hours and weekends
New Code Compliant Gardrail At All Stairways
Project: Bar Nunn Elementary School Addition & Renovation
Address: 2050 Siebke Drive, Bar Nunn, WY 82601

Funding Sources: SFD
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
- Total number of classrooms will be twenty-two, not including rooms for other District programs.
  - Design started October 23, 2015
  - Design complete March 3, 2016
  - Construction Bids due April 4, 2016
  - Construction substantial completion July 7, 2017

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
  - Architect has completed 95% Design and submitted to SFD and NCSD for Review.
  - FF&E Design is underway 95%
  - Wardwell Water Line Extension Agreement has been signed by Wardwell Water and Sewer District.
  - Current Bidding Schedule: Plans available 3/16/16 : Mandatory Pre-Bid 3/23/16: Bid Date 4/13/16: Recommendation to Board Steering Committee 4/14/16. If review can’t be completed in this time line then will submit on 4/29/16
  - Possible Board Action on Bid 4/25/16, or 5/16/16

Construction Challenges
- Shallow bedrock formation may affect foundation design, verify when Geotechnical Report is Received.
  - Foundation will be stem wall on spread footings. Floor will be slab on grade
  - Building structure will be completely independent from existing structure
  - Construction will be on-going while students are in classes
  - Compressed timeline for design and approvals.
Natrona County School District No. 1
Construction Project Report
March 11, 2016

Project: New Capacity Elementary School (old CYJHS Site)  Project Phase: Demolition of Existing Completion & site grading

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: $11,512,000 (incl Change Orders + Enhancements)
Paid: $0 % Complete: 0%

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

Architectural Design fees: $848,000 Paid to date: $538,612 % Complete: 63%

FF&E Budget: $718,665

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

1. Project Description Capacity Elementary School K-5 new building
   • 50,880 total square feet
2. Activities in Progress
   - Site rough grading and building demo (separate contract from Sampson) nearing completion
   - Sampson mobilized to site early March

Project Schedule Progress 16 days behind according to the Architect

Construction Challenges:
- Building new K-5 while maintaining access to CY JH gymnasiums for athletics.
- Jobsite Location – drainage from adjacent geologic features

First Floor
Drilling Piers – Viewed From NW Corner of Building Site

Site Work – Viewed From SE Corner of Building Site
Project: Renovation of Existing KWHS Swimming Pool and Adjacent Spaces

Project Phase: Design

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

NCHS Construction Budget: $4,231,000

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: March 28, 2016
  o Pool Construction complete: August 1, 2016
  o Shops renovations start: August 1, 2016
  o Shops completion: December 12, 2016

Activity: Project Bidding period
- Bids Open Tuesday, 3/1/16
  o Low bidder is ?
- Recommendation to CSC on 3/4/16
- Coordinating schedule between abatement, move, demolition, and pool construction
- Minor asbestos abatement required prior to construction
• Wrapping up 14/15 major maintenance program
  o 216 projects and $10.1 million
• Executing 15/16 major maintenance program
  o Funds limited due to Dean Morgan and Bar Nunn projects use of MM funds
  o Projects include:
    ▪ Misc Improvements to CSF
    ▪ Centralizing HVAC controls
    ▪ Upgrade Aux Gym Lighting @ Midwest
    ▪ Abatement and replace flooring @ Midwest kitchen
    ▪ Exterior Door Replacement @ Mills
• Planning 16/17 major maintenance program, anticipating full funding from SFD
  o 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
  o Bar Nunn Vestibule
  o Centennial Vestibule Improvements
  o Crest Hill Vestibule
  o Evansville Vestibule
  o Frontier Vestibule Improvements
  o Manor Heights Vestibule
  o Midwest Vestibule
  o Mtn View Vestibule
  o Oregon Trail Vestibule
  o Paradise Valley Vestibule Improvements
  o Park Vestibule
  o Willard Vestibule Improvements