TO:       Board of Trustees
FROM:    Dennis Bay, Executive Director Business Services
DATE:     February 12, 2016
SUBJECT: Construction Projects Reports

The construction reports for projects in progress as of February 12, 2016, are attached for your information.

Pay Applications for all Capital Construction Projects for the month of February, 2016 is estimated to total just over $5.8M.

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

• P.I.C. – Roosevelt HS:
  o Interior painting and finishes continue in both spaces
  o Permanent electrical power completed February 12, both bldgs. now on permanent power
  o Carpeting starting in P.I.C.
  o FF&E SFD (State) funded is continuing to be ordered
  o P.I.C. FF&E District funded equipment is bidding, Bid February 10, Board approval February 22

• KWHS:
  o Area F, Commons, painting ongoing and ceiling grid installation
  o Elevators (2) are being installed, Area G & H
  o Carpeting continues to be installed Areas G & H
  o Concrete paving ongoing in South staff parking lot, next to new asphalt paving
  o FF&E State funded Bids opened January 19, Board approval February 22

• NCHS:
  o East wing continues with painting and flooring ongoing
  o Theatre work ongoing, Audience floor slab starting
  o East wing casework installation continues
  o Mechanical, electrical & plumbing work on going in Theatre and SW wing
  o Contractor starting to pre-punch areas

• Dean Morgan Renovations and Campus Planning:
  o Project punch lists continue to be completed
  o The quad portable in the parking lot is readying to be removed
  o Project completion is end of February
  o Project clean up and contractor de-mobilization underway

• Bar Nunn ES Addition & renovation:
  o Design is proceeding to 65% completion
  o Construction bid date April, 2016
  o Construction completion planned July, 2017

• New Capacity ES (old CYJHS site):
  o Existing CYJHS demolition is nearing completion
  o Re-grading of site is on-going
  o Construction contract, Sampson Construction, has been signed by NCSD

• KWHS Pool:
  o Pool drawings have been released for construction bidding, March 4 Bid
  o Construction start March 28
  o Pool Construction complete August 1 for start of swim season
  o Adjacent Shop spaces construction start August 1, completion December 12
Natrona County School District No. 1
Construction Project Report
February 12, 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>May 2016</td>
<td>Planned</td>
</tr>
<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>
</tr>
<tr>
<td>Building Interior Framing and Drywall</td>
<td>Completion - ongoing</td>
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<tr>
<td>Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP) Rough In</td>
<td>Completion - ongoing</td>
<td>Planned</td>
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<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)
RHS 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 RHS FF&E Budget: $574,345

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
   - RHS: Fire Sprinkler Installation
   - RHS: Handrails / all levels
   - RHS: Drywall Installation on Upper Level
   - RHS: Tape, Fill and Finish Drywall on Main Level
   - RHS: Ceramic Wall Tile @ Public Restrooms /Installation on Main Level
   - RHS: Concrete Floor Polishing
   - RHS: Elevator Installation
   - RHS: Electrical “Home Runs” being pulled on Upper Level
   - RHS: 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. EAST: Concrete Floor Polishing on Main and Upper Levels
   - 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: Handrail / all levels
   - P.I.C. WEST: Painting on Upper, Main and Lower Levels
   - Campus: Site Work:
Project Schedule Progress:

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

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
Natrona County School District No. 1
Construction Project Report
February 12, 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: $787,397
Paid: $63,046,749 % Complete: 73%
Architectural Design fees: $5,174,860
Paid to date: $4,176,465 % 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

<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>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>
<tr>
<td>Project Category</td>
<td>Description</td>
<td>Start/Completion Date</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>West Building Ceilings, Finishes, and Accessories</td>
<td>Completion Spring 2016</td>
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<tr>
<td>East Building Closeout Activities (pre-punch, punch list, commissioning)</td>
<td>Starting Complete Spring 2016</td>
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<tr>
<td>West Building Closeout Activities (pre-punch, punch list, commissioning)</td>
<td>Complete early Summer 2016</td>
<td></td>
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<tr>
<td>New building occupancy</td>
<td>Summer 2016</td>
<td></td>
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<tr>
<td>Theatre renovation</td>
<td>Spring 2016 - Fall 2016</td>
<td></td>
</tr>
<tr>
<td>New Music wing</td>
<td>Summer 2016 – Summer 2017</td>
<td></td>
</tr>
<tr>
<td>Project Complete (all parking lots and landscaping)</td>
<td>Summer 2018</td>
<td></td>
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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)

2. Activities in Progress
- Soffit framing ongoing at Area F. Drywall installation and acoustic sealing ongoing at upper and main level Area F.
- Doors and Windows - Large exterior storefront and glazing ongoing throughout the building. Interior doors and hardware installation has commenced.
- Casework installation complete in Area H (except many counters still need installed) and nearing completion in Area G.
- Finishes- Painting ongoing in Area A, B, C, D, & lower F. Ceiling grid installation complete at Area H & G. Athletic equipment installation ongoing intermittently in gymnasiums. Cut and border tile installation complete in area G
- Flooring- Resilient flooring ongoing in Area G. Carpet installation ongoing in Area H & G. Wood flooring for Gym is staged in aux gym. Ceramic tile ongoing in Area F. Areas A-D & F epoxy flooring scheduled for install in February.
- Specialties- Lockers some have been delivered to site and some installation has commenced. Solatubes installed to ceiling level in Areas G & H. Toilet partitions deliver early February. Kitchen equipment scheduled for delivery and install in March
• Fire Suppression- Fire sprinkler rough complete in Area A-D, ongoing in Area F; Fire sprinkler head installation in ceiling grid appears complete in Area H & G.
• Plumbing- Rough in ongoing in Area A-D, and Rough in ongoing in all Area C & D crawlspace areas. Plumbing fixtures and finishes installation ongoing in Area H & G. Equipment startup ongoing.
• HVAC- Diffusers and flex lines installed in Area G & H ceiling grid. Rough in ongoing in Areas A-D and in Area C crawlspace; Equipment startup ongoing
• Communication- Pulling data cabling complete in Area H & G, ongoing in Areas A-D. Area H (appears nearing completion) & G IDF room build out continues, Area A-D IDF room build out started. MDF room build out ongoing – DATA CABLE BEHIND SCHEDULE
• Elevator installation at Area H & F ongoing. Area H elevator to complete by Dec. 31
• Earthwork- Site grading ongoing intermittently around Areas A, B, C & D as weather permits
• Site Concrete – Concrete at CTE yard ongoing, sidewalks around new building need to be scheduled.
• Exterior Improvements: First lift of asphalt installed at SW lot
• Roofing is to continue in the spring with the startup of Theater renovation April 2016
• Brick veneer installation complete at Areas A, B, C, D, & G. Brick install appears complete at Area F interior
• Metal panel installation re-work and installation ongoing and is scheduled to complete around February 2016.
• Rock cover installed in Area H, G, A, C, & D crawlspace; vapor barrier installation needs completed on sloped areas of crawlspace – installation intermittent
• Punch of Area H/G tentatively scheduled for the month of March
• Building commissioning scheduled to start March 2016

Project Schedule Progress 0 days behind

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).
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 classrm. & lab
Area E: Lower level = Band/Instrumental Music, Drama Classrms., 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, Classrms., HSHS Academy learning  Upper level = Classrms., ACME Academy learning
Area H: Main level = Media Cntr., Classrms., BANR Academy learning  Upper level = Classrms., CACD Academy learning
Pole Vault Pit Installed at Main Gym – Viewed from the SW

Data cable being pulled in Area C/D – Main corridor viewed from the west
Area F gang bathroom tile installation

Light fixture installation in lower level PE/Running track – Viewed from the SE
Area D IDF room build out

Main level Area F drywall installation
Area F grand staircase scaffolding installation

Area F kitchen/serving area MEP rough in – Viewed from the west
Area F commons area wall tile installation – Viewed from the east

Area G casework and countertop installation – Reception area viewed from the south
Area G main bathroom group plumbing fixture installation

Area G exterior storefront doors and hardware installation – south elevation viewed from the north
Area G & H interior doors and hardware installation

Area G & H casework installation (counters needing installed)
Area H countertop installation – Science prep room pictured

Area G IDF room build out
Area F crawlspace MEP rough in

Concrete at CTE yard – Viewed from the south
Equipment pads poured at CTE yard – Viewed from the east

Site grading west of Area A & C – Viewed from the south
Natrona County School District No. 1  
Construction Project Report  
February 12, 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: $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  % Complete = 94%  
Phase 4: Paid $10,314,208  % Complete = 67%  
SFD Budget Unallocated Funds: $2,742,983  Balance remaining = $1,602,233  
A-P Wyoming Construction Contingency = $2,404,644  Balance Remaining: $1,391,528

Architectural Design fees: $12,236,365  Paid to date: $9,104,352  % Complete :74%

FF&E Budget: $3,943,892

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

<table>
<thead>
<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>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>
</tr>
<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>
</tr>
<tr>
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</tr>
<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>
</tr>
<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. Remaining Punch list items need to be reviewed by Architect/engineers
     - Commissioning – AP states all remaining commissioning items were completed over Holiday break except for one item requiring a part to be ordered
   - **Phase 4 – East & South Wing of Historic Building**
     - Backfilling ongoing in theater, prepping for floor slab placement
     - Masonry restoration and terra cotta replacement complete for the season; structural masonry complete at back wall of stage; masonry at south wing north wall (courtyard) complete
     - Steel at south west wing and theater ongoing intermittently
     - 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. Interior hard lid and soffit framing ongoing in east, southeast, and south wing.
     - Drywall tape and finish ongoing at ground and 1st floor
     - Painting ongoing at 2nd & 3rd floor east and SW wing; Fiber reinforced wall covering installation ongoing at 1st floor culinary arts lab
     - Roofing installation complete at east and west wing; south wing ongoing
     - 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

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
3rd floor ceiling tile, electrical gear, marker board installation

3rd floor east wing VCT flooring installation
3rd floor flex lab floor prep viewed from the north

1st floor south corridor MEP rough in and ceiling grid installation
2nd floor glazing installation and prep for flooring – East wing viewed from the south

2nd floor wall tile installation – East wing gang bathroom viewed from the north
Drywall tape and finish at 1st floor flex lab – Viewed from the north

1st floor east wing prime and paint – Gang bathroom viewed from the east
1st floor east wing flooring prep – Culinary arts lab viewed from the west

1st floor east wing data cable rough in – Viewed from the south
Theater framing and MEP rough in – Viewed from the south

Theater pits foundations and walls prep for pour – Viewed from the east
Ground level drywall tape and finish in east wing – Viewed from the west

MEP rough in and forming for pit walls at Theater – Viewed from the stage (west)
Project: Dean Morgan Renovations and Campus Planning  
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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<tr>
<th>Milestone</th>
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<tbody>
<tr>
<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>
</tr>
<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>
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<tr>
<td>Phase 4A Construction Start</td>
<td>June 2015</td>
<td>Completion February 2016</td>
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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
   • Home Ec area & classrooms’ construction complete
   • Installation of new Exterior Store Front Doors and Electronic Monitoring is ongoing.
   • Ceiling grid installation is 100% complete, waiting to drop tile for above ceiling inspection.
   • Ceramic tile installation in corridor on 1st and 2nd floor complete
   • Installation of Fire Suppression System complete - system being charged as of 2/12/16
   • FACS sewing room complete punch walk completed 12/9/2015
   • Restroom floor drain installation complete
   • Door & Frame replacement at custodial closets - completing Punch List
   • Parapet Cap replacement 100% complete
   • Door Replacement in Auxiliary Gym
   • Build out of Rooms 241 & 242 complete. Move in is complete. Classes are in session
   • Punch list items being performed on all phase 4.
   • Deconstruction of Original Electrical Switch Gear and Removal of Original Transformers
   • Clean up & Demobilization underway.

Construction Challenges:
   o Complete interior building renovation during school year with students attending school; work is being completed after school hours and weekends
   o 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
     o Phasing of moves for renovation Family and Consumer Science Areas.

Construction Challenges:
   o Complete interior building renovation during school year with students attending school; work is being completed after school hours and weekends
New doors between main & auxiliary gym

Finished corridors on 2nd (Main) floor looking north
Finished corridors on 2nd (Main) floor looking West

New Display Case near Admin Office
Display case across from cafeteria

Demobilization of Flex Classroom Space
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 65% Design and submitted to SFD and NCSD for Review.
- FF&E Design is underway

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
Bar Nunn New Addition Concept Design
New Addition Floor Plan
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

<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>Feb. 22, 2016</td>
<td>Planned</td>
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<tr>
<td>Building Construction</td>
<td>Start Feb 2016 Complete late Spring 2017</td>
<td>Planned</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 to mobilize to site end of February

Project Schedule Progress 0 days behind according to the Architect

Construction Challenges:
- Building new K-5 while maintaining access to CY JH gymnasiums for athletics.
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

- Design complete- project out to bid: February 15, 2016
- Construction bid: March 4, 2016
- Pool Construction start: March 28, 2016
- Pool Construction complete: August 1, 2016
- Shops renovations start: August 1, 2016
- Shops completion: December 12, 2016

Activity: Project Bidding period
Major Maintenance
Project Manager: Doug Tunison

• 2016/2017 Major Maintenance Contract approval by Board January 18, 2016
  o Caspar Building Systems, Inc.
  o Prioritizing projects for award
  o $2.8 million in requests, $1.5 million available

• Pope Construction will continue work already awarded under previous contract
  o Anticipated through 12/31/16

• Received 2016/2017 MM requests from schools 12/18/15
  o Received 128 requests totaling $5.8 million
  o Budget anticipated available $4.5 million (will know in April)
  o Prioritizing requests for presentation to Construction Steering Committee

• $10,066,377 Major Maintenance projects completed or underway 2015/2016
  o 259 projects underway or completed

SFD Funded School Security Projects
Project Manager: Doug Tunison

Summary
• 159 Projects with a budget of $849,210 funded in 2015/2016 FY
• Projects funded this year include
  o Two Way Communications
  o Door Keying Systems
  o Classroom Door Locks
  o Visitor Management System
  o Exterior Door Locks
  o Secured Vestibule
  o Single Point of Entry

Current Activity
• 29 projects at 13 schools underway of the 159 planned
  o Alcova, Bar Nunn, CCA, Centennial, Crest Hill, Evansville, Manor Heights, Midwest, Mills, Mtn. View, Oregon Trail, PV, Park, & Verda James