TO: Board of Trustees
FROM: Dennis Bay, Executive Director Business Services
DATE: January 15, 2016
SUBJECT: Construction Projects Reports

The construction reports for projects in progress as of January 15, 2016, are attached for your information.

Pay Applications for all Capital Construction Projects for the month of December, 2015 is estimated to total just over $5M.

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

- P.I.C. – Roosevelt HS:
  - Interior painting and finishes continue in both spaces
  - Welding booths have been placed in P.I.C. welding space
  - Elevators have been shipped and stocked in both spaces waiting on installation
  - FF&E State funded is continuing to be ordered
  - P.I.C. FF&E District funded equipment is bidding, Bids due February 10, 2016

- KWHS:
  - Area F, Commons, painting ongoing and ceiling grid installation
  - Elevators (2) are being installed, Area G & H
  - Carpentry continues to be installed Areas G & H
  - Concrete paving ongoing in South staff parking lot, next to new asphalt paving
  - FF&E State funded Bids opened January 19, RB+B is starting the process of scoping all furniture vendor’s submittals

- NCHS:
  - 3rd floor East wing final coat painting and flooring ongoing, close to finishing
  - Theatre work ongoing, stage lifts (2) concrete walls being poured
  - Working on verification of completion Phase 3 punch list
  - 1st floor East wing casework installation ongoing
  - Mechanical, electrical & plumbing work on going in Theatre and SW wing

- Dean Morgan Renovations and Campus Planning:
  - New FACS (Family and Consumer Science) room has been completed
  - Work started in the remaining classrooms opposite the new FACS classroom; this is the last phase of the project
  - The quad portable in the parking lot will be removed by end of February
  - Project completion is end of February

- Bar Nunn ES Addition & renovation:
  - Architectural design contract, Stateline 7, Casper, WY; completed
  - Design is proceeding to 35% completion
  - Construction bid date April, 2016
  - Construction completion planned July, 2017

- New Capacity ES (old CYJHS site):
  - Existing CYJHS demolition is nearing completion
  - Re-grading of site is on-going
  - Construction contract, Sampson Construction, is routing for signatures
Natrona County School District No. 1  
Construction Project Report  
January 15, 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: Consilium Partners, Denver, CO

General Contractor: Contractor: Groathouse Construction, Casper, WY

or [http://www.ncsdtransform.org/P.I.C.RooseveltHS](http://www.ncsdtransform.org/P.I.C.RooseveltHS)

<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>April 2016</td>
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<tr>
<td>P.I.C. &amp; RHS Certificate of Occupancy</td>
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<tr>
<td>Moving into buildings</td>
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<tr>
<td>Exterior Metal Framing complete</td>
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<tr>
<td>Building Exterior Envelope (CMU/Framing/Sheathing/Roofing/Insulation/Brick/Panels)</td>
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<tr>
<td>Building Interior Framing and Drywall</td>
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<td>Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP) Rough In</td>
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<tr>
<td>Ceilings, Finishes, and Accessories</td>
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<tr>
<td>Project Complete</td>
<td>June 2016</td>
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</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
Grothouse self perform work: $5,819,768

Grothouse Construction Total Sum to Date for both projects: $37,723,869
  P.I.C. Construction:  $24,048,966 (63.75% of total)
  RHS Construction:  $13,674,902 (36.25% of total)
Project Contingency:  $5,347,781  Contingency Balance:  $4,702,222
Amount earned to date: $28,249,925 (Includes Retainage)  % Complete: 75%

Architectural Design fees P.I.C.: $1,905,594  Paid to date: $1,798,370  % Complete: 94%
Architectural Design fees RHS: $1,090,522  Paid to date: $1,033,339  % 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

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:
   • 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

Construction Challenges:
• Collapsing Soils; currently being mitigated by building structural slabs for Chillers, Paddock area and providing structure in crawlspace to support MDF room.
Natrona County School District No. 1
Construction Project Report
January 15, 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: $86,243,083 (incl Change Orders + Enhancements)
Paid: $61,264,915     % Complete: 71%

Architectural Design fees: $5,067,860
Paid to date: $4,457,060    % Complete: 88%

FF&E Budget: $3,131,772 – Bid Scheduled for 1/19/16

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

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<tr>
<th>Milestone</th>
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<th>Comment</th>
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<td>West Building Exterior Envelope</td>
<td>Fall 2015</td>
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<td>CMU/Framing/Sheathing/Roofing/Spray Foam/Brick/Metal Panels)</td>
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<tr>
<td>East Building Interior Framing &amp; Drywall</td>
<td>Start Fall 2014 Complete Summer 2015</td>
<td>Complete</td>
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<tr>
<td>West Building Interior</td>
<td>Start Summer 2015</td>
<td>Ongoing - ahead of schedule,</td>
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<tr>
<td>Framing</td>
<td>Start/Complete Dates</td>
<td>Status</td>
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<td>Start Fall 2014 Complete Summer 2015</td>
<td>Complete</td>
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<td>West Building Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP)</td>
<td>Start Summer 2015 Complete Early 2016</td>
<td>Ongoing – ahead of schedule</td>
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<tr>
<td>East Building Ceilings, Finishes, and Accessories</td>
<td>Start Early 2015 Complete Fall 2015</td>
<td>Ongoing – Behind Schedule</td>
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<tr>
<td>West Building Ceilings, Finishes, and Accessories</td>
<td>Start Summer 2015 Complete Spring 2016</td>
<td>Ongoing</td>
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<td>East Building Closeout Activities (pre-punch, punch list, commissioning)</td>
<td>Start Fall 2015 Complete Spring 2016</td>
<td>Scheduled</td>
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<td>West Building Closeout Activities (pre-punch, punch list, commissioning)</td>
<td>Start Spring 2016 Complete early Summer 2016</td>
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<tr>
<td>New building occupancy</td>
<td>Summer 2016</td>
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<tr>
<td>Theatre renovation</td>
<td>Spring 2016 - Fall 2016</td>
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<tr>
<td>New Music wing</td>
<td>Summer 2016 – Summer 2017</td>
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<tr>
<td>Project Complete (all parking lots and landscaping)</td>
<td>Summer 2018</td>
<td>Planned</td>
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1. Project Description Kelly Walsh High School new building and demolition of existing building on current site
   - 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 is 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 start up 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:
  ◦ 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 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 = Class rms., ACME Academy learning
Area H: Main level = Media Cntr., Class rms., BANR Academy learning Upper level = Class rms., 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
Equipment pads poured at CTE yard – Viewed from the east

Site grading west of Area A & C – Viewed from the south
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 $28,864,652 % Complete= 94%
Phase 4: Paid $9,136,717 % Complete= 60%
SFD Budget Unallocated Funds: $2,742,983 Balance remaining = $1,602,233
A-P Wyoming Construction Contingency = $2,404,644 Balance Remaining: $1,464,129

Architectural Design fees: $12,236,365 Paid to date: $8,997,185 % Complete: 74%

FF&E Budget: $3,943,892

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

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<tr>
<th>Milestone</th>
<th>Schedule Date</th>
<th>Comment</th>
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<tbody>
<tr>
<td>Phase 3, 3a closeout</td>
<td></td>
<td>AP states all closeout (punch list, O&amp;M manual, owner stock turnover) to complete October 10, 2015</td>
</tr>
<tr>
<td>Phase 4; Construction Start East &amp; South portions of exist. Bldg. incl. Auditorium/Theatre, classrooms</td>
<td>Start Summer 2015</td>
<td>Verification of Completion ongoing by Architect/Engineer(s) 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>
</tr>
<tr>
<td>Phase 7; Final Site Development completion</td>
<td>Start Summer 2017</td>
<td>Planned Completion Fall 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.
   - 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. Punch list items AP worked on over holiday break need to be reviewed by Architect.
     - Commissioning – AP states all remaining commissioning items were completed over holiday break except for one item requiring a part to be ordered. Group 14 will be on site week of Jan 18 to review completed items.
   - **Phase 4 – East & South Wing of Historic Building**
     - Excavation ongoing in theater. Foundations and walls ongoing at SW wing and theater
     - 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” at each phase then moving back to the renovated/new portions of the Main building between phases will be completed with each phase through 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    Project Phase: Phase 2D
Address: 1440 South Elm Street, Casper, WY  82601

Funding Sources: Major Maintenance Funding (Estimated $4 million/year for the completion of the building renovation project, currently in fourth 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: $15,004,359

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<td>May 16, 2012</td>
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<td>Phase 2 Construction Started</td>
<td>June 1, 2013</td>
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<tr>
<td>Phase 3A Construction Start</td>
<td>June 2, 2014</td>
<td>Complete August 2014</td>
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<tr>
<td>Phase 3B Construction Start</td>
<td>September 2014</td>
<td>Complete October 2014</td>
</tr>
<tr>
<td>Phase 3C.1 Construction Start</td>
<td>November 2014</td>
<td>January 2015</td>
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<tr>
<td>Phase 3C.2 Construction Start</td>
<td>November 2014</td>
<td>January 2015</td>
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<tr>
<td>Phase 3D Construction Start</td>
<td>January 2015</td>
<td>February 2015</td>
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<td>Phase 3E Construction Start</td>
<td>March 2015</td>
<td>May 2015</td>
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<tr>
<td>Phase 4A Construction Start</td>
<td>June 2015</td>
<td>Jan 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 ongoing.
   - Installation of Fire Suppression System ongoing
   - FACS sewing room complete punch walk completed 12/9/2015
   - Restroom floor drain installation in progress
   - Door & Frame replacement at custodial closets in progress.
   - Parapet Cap replacement 100% complete
   - Demolition of rooms 241 & 242 100% complete
   - Electrical & Data rough in rooms 241 & 242 90% complete
   - Light metal framing in rooms 241 & 242

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.
Project: Bar Nunn Elementary School Addition & Renovation  
Address: 2050 Siebke Drive, Bar Nunn, WY 82601

Project Phase: Design

Funding Sources: SFD

NCSD Project Manager: Keith Brown
Design Architect: Stateline 7 Architects, Casper, WY

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.

Activity:
- SFD Budget is $3.7 million (construction cost)
  - NCSD Enhancements: $780,000 Westwood refund for renovations to existing
  - NCSD Enhancement: $164,000 major maintenance for fire sprinkler in existing
  - NCSD Enhancement: $670,000 for two Pre-K rooms
- Next steps:
  - 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.
  - Architect has started 35% design due to accelerated schedule.
- Construction Challenges
  - Shallow bedrock formation may affect foundation design, verify when Geotechnical Report is received
Bar Nunn New Addition Concept Design
Project: New Capacity Elementary School (old CYJHS Site)  
Project Phase: Demolition of Existing Completion & site grading

Address: 2211 Essex Ave, Casper, WY 82604

SFD Construction Allocation: $13,310,333

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

SFD Abatement & Demolition Allocation: $2,560,208

General Contractor: Sampson Construction, Cheyenne, WY

Hard Bid Amount with all SFD funded alternates: $11,569,000

Major Contractors/material suppliers working on project:

Site work: 71 Construction, Casper, WY
Reinforcing Steel: Teton Steel, Casper, WY
Electrical: ITC, Casper, WY
Mechanical: GW Mechanical, Casper, WY
HVAC: Sheet Metal Specialties, Casper, WY
Glazing/Windows: Architectural Glazing Contractors, Casper, WY
Flooring: Commercial Flooring, Casper, WY
Masonry: J.H. Masonry, Inc., Salt Lake City, UT
Roofing: Limmer Roofing, Casper, WY
Metal Studs & Drywall: Advanced Wall Systems, Inc., Casper, WY
Fire Protection: Western States Fire Protection, Casper, WY
Steel Fabrication & Erection: Intermountain Erectors, Idaho Falls, ID

Project Description:

- Demolish all of existing CYJH except for main and auxiliary gyms and original locker rooms.
- The gyms will be renovated for temporary use while NCHS is under construction (approximately 4 years).
- A new 4/3 elementary school with a capacity of 384 students will be constructed on the existing site after existing building demolition.
- The new elementary school will be based on the Summit ES with minor changes
  - School design complete- project out to bid: November, 2015
  - Construction bid: December 8, 2015
  - School construction complete: June, 2017
  - School occupancy: July, 2017

Activity:

- Demolition of Old CYJH started Sept 2015 and finishes November 2015
  - Earthwork began 12/9/15
  - Completion date of demolition extended to 2/15/16 for additional earthwork
- Commissioning Agent contract awarded to Group14 Engineering
• Contract for construction approved by board 1/11/16
  o Sampson Construction Co., Inc.
• RFP for Construction Materials Testing advertised 1/17/16

Next Steps
• Execute contract with Sampson Construction Co., Inc by Jan 31, 2016
• Construction start anticipated the week of February 22, 2016
• Substantial Completion May 31, 2017
• Final Completion June 30, 2017

Site grading underway, looking west
Site grading underway, looking northwest, gyms to remain
Major Maintenance
Project Manager:  Doug Tunison

- 2016/2017 Major Maintenance Contract to board for approval 1/25/16
  - Caspar Building Systems, Inc.
  - Prioritizing projects for award
  - $2.8 million in requests, $1.5 million available
- Pope Construction will continue work already awarded under previous contract
  - Anticipated through 12/31/16
- Received 2016/2017 MM requests from schools 12/18/15
  - Received 128 requests totaling $5.8 million
  - Budget anticipated available $4.5 million (will know in April)
  - Prioritizing requests for presentation to Construction Steering Committee
- $10,066,377 Major Maintenance projects completed or underway 2015/2016
  - 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
- Projects funded this year include
  - Two Way Communications
  - Door Keying Systems
  - Classroom Door Locks
  - Visitor Management System
  - Exterior Door Locks
  - Secured Vestibule
  - Single Point of Entry

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