TO:    Board of Trustees
FROM:  Dennis Bay, Executive Director Business Services
DATE:  October 23, 2015
SUBJECT:  Construction Projects Reports

The construction reports for projects in progress as of October 23, 2015, are attached for your information.

Pay Applications for all Capital Construction Projects for the month of September, 2015 is estimated to total just over $5.7M.

(This includes design, construction, project management, construction material testing, abatement, City fees and service utilities)
• CAPS – Roosevelt HS:
  o South Parking lot is finished paved and striped, North Parking lot is graded and ready for concrete curbs and islands construction
  o South and West sides of the site have been graded for landscaping and topsoil has been delivered and spread
  o FF&E; Architects have assembled all of the bids received; some items did not receive bids from vendors. Developing a plan to move forward with “un-bid” items
  o Re-naming of CAPS is progressing with HS Committees
  o Interior concrete floor polishing on going

• KWHS:
  o Site landscaping earth work and construction of site retaining walls continues along Walsh Dr and 12th St
  o Area H interior storefront and hallway window framing is ongoing
  o Flooring is progressing in Area H
  o Grand stairway/assembly seating is 90% complete (connection between Area B-Gym and Area F-Kitchen/Commons)
  o Main Mechanical room work is continuing

• NCHS:
  o Demolition complete in east wing, ongoing in south wing including Theatre
  o 3rd floor East wing drywall being completed, MEP ongoing
  o 3rd floor East wing beginning painting
  o 2nd & 3rd floors South wing interior framing ongoing
  o Overall Project Schedule Progress 0 days behind

• Dean Morgan Renovations and Campus Planning:
  o New kitchen is fully functional, serving breakfast & lunch
  o New loading dock is complete
  o Renovation of existing FACS (Family and Consumer Sciences classrooms continuing
  o Overall Project is on schedule to complete January 2016

• Bar Nunn ES Addition & renovation:
  o Architect selected, Stateline 7, Casper, WY; Contract is being routed for signatures
  o Design Kickoff meeting October 28

• New Capacity ES (old CYJHS site):
  o Existing CYJHS demolition is ongoing, (old boilers removed Friday, October 23)
  o 95% SFD VE review concluded October 21, 2015
  o Project is on schedule

• Major Maintenance Construction Management Contract for next 3 yrs proposals received October 20, 4 construction firms submitted
Project: Roosevelt HS/CAPS (Center for Advanced and Professional Studies)

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

Access to Site WebCam: http://oxblue.com/open/Groathouse/CAPSRooseveltHS or http://www.ncsdtransform.org/CAPSRooseveltHS

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Schedule Date</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAPS &amp; RHS Construction Complete</td>
<td>March 2016</td>
<td>Planned</td>
</tr>
<tr>
<td>CAPS &amp; RHS Certificate of Occupancy</td>
<td>March 2016</td>
<td>Planned</td>
</tr>
<tr>
<td>Moving into buildings</td>
<td>Summer 2016</td>
<td>Planned</td>
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<tr>
<td>Exterior Metal Framing complete</td>
<td>September 2015</td>
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<tr>
<td>Building Exterior Envelope (CMU/Framing/Sheathing/Roofing/Insulation/Brick/Panels)</td>
<td>October 2015</td>
<td>Planned</td>
</tr>
<tr>
<td>Building Interior Framing and Drywall</td>
<td>November 2015</td>
<td>Planned</td>
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<tr>
<td>Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP) Rough In</td>
<td>October 2015</td>
<td>Planned</td>
</tr>
<tr>
<td>Ceilings, Finishes, and Accessories</td>
<td>December 2015</td>
<td>Planned</td>
</tr>
<tr>
<td>Project Complete incl. landscaping</td>
<td>July 2016</td>
<td>Planned</td>
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</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: $37,275,045
  CAPS Construction:  $23,762,841 (63.75% of total)
  RHS Construction:  $13,512,204 (36.25% of total)
Project Contingency:  $5,347,781  Contingency Balance:  $4,702,222
Amount earned to date: $25,272,909 (Includes Retainage)  % Complete: 68%

Architectural Design fees CAPS: $1,893,795  Paid to date: $1,759,788  % Complete: 92%
Architectural Design fees RHS: $1,083,732  Paid to date: $997,033  % Complete: 92%
CAPS FF&E Budget: $998,067  RHS FF&E Budget:  $567,528

1. Project Description
   • New High School Campus for Roosevelt High School (RHS), and Center for Advanced
     Professional Studies (CAPS)
   • The CAPS 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: Mechanical and Electrical Rough-in on Main and Upper Levels
   • RHS: Fire Sprinkler Installation
   • RHS: Exterior Cementitious Siding at East Face
   • RHS: Window Frames and Glazing at South Elevation
   • RHS: Floor Polishing on Main Level
   • CAPS EAST: Glazing (North and South Elevation)
   • CAPS EAST: Interior Door Frame Installation
   • CAPS EAST: Drywall; Tape, Fill and Finish
   • CAPS EAST: Floor Polishing on Main Level
   • CAPS EAST: Handrails
   • CAPS EAST: Texture and Paint, Main and Upper Levels
   • CAPS WEST: Drywall; Tape, Fill and Finish on Main Level
   • CAPS WEST: Glazing (South, North and West Elevation)
   • CAPS WEST: Siding Installation at South Elevation
• CAPS WEST: Handrail
• Campus: Site Work: ongoing

Project Schedule Progress: Building is 9 days behind schedule

• RHS: Foundation Walls – complete
• RHS: Main Level and 2nd Floor Slab on Deck – complete
• RHS: Crawlspace Ductwork – complete
• RHS: Main Level and 2nd floor steel erection and metal decking – complete
• RHS: Structural Masonry – complete
• RHS: Structural Steel Installation - complete
• RHS: Roof Decking - complete
• RHS: Roof Membrane – complete
• RHS: Interior wall framing-complete
• RHS: Plumbing rough-in complete
• RHS: Exterior Wall Framing at SE Entrance - complete
• RHS: Exterior Sheathing - complete
• RHS: Exterior Wall; Sprayed Foam Insulation – complete
• RHS: Kitchen Hood Installation - compete
• CAPS EAST: Roof membrane -complete
• CAPS EAST: Roof steel and decking -complete
• CAPS EAST: Foundation Walls – complete
• CAPS EAST: Ductwork in crawlspace -complete
• CAPS EAST: Plumbing rough-in complete on all levels
• CAPS EAST: Heating piping in crawlspace complete on all levels
• CAPS EAST: Interior wall framing - compete (all levels)
• CAPS EAST: Exterior wall framing -complete
• CAPS EAST: Structural Steel Erection -complete
• CAPS EAST: Concrete slab on Deck (all levels) - complete
• CAPS EAST: Exterior Wall / Sprayed Foam Insulation – complete
• CAPS EAST: Drywall Installation – complete on main and upper level
• CAPS EAST: Fire Sprinkler Protection - complete
• CAPS EAST: Exterior Foam Board Insulation and Weather Barrier – complete
• CAPS EAST: Cementitious Siding Installation at South Elevation – complete
• CAPS EAST: Metal Siding at South Elevation – complete
• CAPS EAST: Ceramic Tile Installation – complete in at public restrooms, main level
• CAPS EAST: Kitchen Hood Installation - complete
• CAPS WEST: Roof membrane - complete
• CAPS WEST: Slabs on Deck, (all levels) - complete
• CAPS WEST: Foundation Walls - complete
• CAPS WEST: Structural Steel and decking - complete
• CAPS WEST: Ductwork in crawlspace - complete
• CAPS WEST: Heating piping in crawlspace - complete
• CAPS WEST: Interior wall framing - complete
• CAPS WEST: Exterior wall framing – complete
• CAPS WEST: Fire Sprinkler Installation in Crawlspace – complete
• South Parking Lot - complete
• Retaining Wall at North Side of CAPS - complete
• Retaining Walls at South Side of bldg – complete
• Concrete Seats, South Side of CAPS EAST - complete

Construction Challenges:
• Collapsing Soils: Several areas are in need of soil mitigation. PRs have been issued to Groathouse
Project: Kelly Walsh High School new Building  
Project Phase: Construction

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)  
Project Construction Contingency: $1,640,828  
Balance Remaining: $799,192  
Paid: $55,012,590  
% Complete: 64%  

Architectural Design fees: $5,067,860  
Paid to date: $4,370,027  
% Complete: 86%  

FF&E Budget: $3,131,772  

- **Access to Site WebCam:** [http://www.ncsdtransform.org/kellywalsh](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 Exterior Envelope CMU/Framing/Sheathing/ Roofing/ Spray Foam/Brick/Metal Panels</td>
<td>Fall 2015</td>
<td>Ongoing; on schedule</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>
</tr>
<tr>
<td>West Building Interior Framing</td>
<td>Start Summer 2015 Complete Early 2016</td>
<td>Ongoing - ahead of schedule, nearing completion</td>
</tr>
<tr>
<td>Activity</td>
<td>Start/Complete</td>
<td>Status</td>
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<tr>
<td>-------------------------------------------------------------------------</td>
<td>-------------------------------------</td>
<td>-------------------------</td>
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<tr>
<td>East Building Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP) Rough In</td>
<td>Start Fall 2014 Complete Summer 2015</td>
<td>Complete</td>
</tr>
<tr>
<td></td>
<td>Start Summer 2015 Complete Early 2016</td>
<td>Ongoing – ahead of schedule</td>
</tr>
<tr>
<td>West Building Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP) Rough In</td>
<td>Start Early 2015 Complete Fall 2015</td>
<td>Ongoing</td>
</tr>
<tr>
<td></td>
<td>Start Summer 2015 Complete Spring 2016</td>
<td>Ongoing</td>
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<tr>
<td>East Building Ceilings, Finishes, and Accessories</td>
<td>Start Fall 2015 Complete Spring 2016</td>
<td>Scheduled</td>
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<tr>
<td>West Building Ceilings, Finishes, and Accessories</td>
<td>Start Spring 2016 Complete early Summer 2016</td>
<td>Planned</td>
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<tr>
<td>New building occupancy</td>
<td>Summer 2016</td>
<td>Planned</td>
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<tr>
<td>Theatre renovation</td>
<td>Spring 2016 - Fall 2016</td>
<td>Planned</td>
</tr>
<tr>
<td>New Music wing</td>
<td>Summer 2016 – Summer 2017</td>
<td>Planned</td>
</tr>
<tr>
<td>Project Complete (all parking lots and landscaping)</td>
<td>Summer 2018</td>
<td>Planned</td>
</tr>
</tbody>
</table>

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
- Interior wall and soffit framing complete in Areas C & D, ongoing at Area F – appears nearly complete, drywall tape and finishing ongoing in Area C & D – appears mostly complete
- Doors and Windows- Exterior aluminum storefront installed in Areas A, C, D. large exterior storefront and glazing ongoing at Area H,
- Foam insulation/air and water barrier system complete
- Casework installation complete in Area H and ongoing in Area G
- Finishes- Painting ongoing in Area C & D. Ceiling grid installation complete at Area H and ongoing in Area G. Athletic equipment installation started in gymnasiums. Cut and border tile installation ongoing at places where ceiling grid is installed in area G (mostly classrooms and offices)
- 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 and ongoing in area G
• Plumbing- Rough in ongoing in Area A-D, and Rough in ongoing in all Area C & D crawlspace areas. Plumbing fixture installation ongoing in Area H. Equipment startup scheduled for the end of October
• HVAC- Rough in ongoing in Areas A-D and in Area all crawlspace; Equipment startup scheduled for the end of October
• Electrical- Electrical rough in ongoing in Areas A, B, C, D, & F, light fixtures installed in Area H. Equipment startup scheduled for the end of October. Primary feeds for new building being connected to gear.
• Communication- Pulling data cabling complete in Area H and ongoing in Area G. Area H & G IDF room build-out continues. MDF room build-out stared – DATA CABLE ROUGH IN BEHIND SCHEDULE
• Earthwork- Modular retaining wall installation complete. Site grading ongoing south of Area C & D; base material installation started.
• Site Concrete – cast in place concrete retaining wall east of Area H install complete; site walls south of building ongoing. Curb and gutter at SW lot scheduled to start in 1-2 weeks
• Roofing complete at Area F – No more roofing scheduled until Theater renovation starts in spring 2016
• Brick veneer installation complete at Areas A, B, C, D, & G. Brick install ongoing at Area F. Metal panel installation to recommence after review by manufacturer (Kingspan)
• Vapor barrier and rock cover installed in Area H, G, A, C, & D crawlspace completed. Permanent power startup RE-scheduled for week of Oct 19th. Gas main feed installed up to building from 12th street.

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

Separation fabric and road base at SW parking lot – Viewed from the south
Painting ongoing in Area C & D – Viewed from the south

Drywall tape and finish and electrical wire at Area C/D corridor – Viewed from the east
Athletic equipment installation at Aux Gym – Viewed from the west

Athletic equipment installation at Main Gym – Viewed from the SW
Hollow metal doors painted – Viewed from the south

Brick installation complete at Area B north elevation
Boiler flue installation ongoing in mechanical room (Area F)

Building primary feed connections to gear – Area F
Area H (west) IDF room

Area H resilient floor install
Area H plumbing fixtures

Area H plumbing fixtures
Area H flooring protection install

Area H carpet installation
Area G casework installation

Area G resilient flooring installation
Area G 1st floor data cable pulling

Storefront and glazing installation at Area H east stair tower
Area F brick installation – Viewed from the SE

Site concrete retaining walls – Viewed from the west
Area F MEP rough in – Viewed from the north

Interior framing nearly complete, MEP rough in ongoing at Area F
Natrona County School District No. 1
Construction Project Report
October 23, 2015

Project: Natrona County High School Renovations, Main Bldg
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/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: $95,384,947 (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 $28,315,492 % Complete= 92%
Phase 4: Paid $3,669,045 % Complete=24%
SFD Budget Unallocated Funds: $2,742,983 Balance remaining = $1,947,339
A-P Wyoming Construction Contingency = $2,404,644 Balance Remaining: $1,871,102

Architectural Design fees: $12,236,365 Paid to date: $8,676,035 % Complete :71%

FF&E Budget: $3,943,892

- Access to Site WebCam: http://oxblue.com/open/A-P/NatronaCSD
  or http://www.ncsdtransform.org/natronacountyhighschool

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<tr>
<th>Milestone</th>
<th>Schedule Date</th>
<th>Comment</th>
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</thead>
<tbody>
<tr>
<td>Phase 3, 3a closeout</td>
<td></td>
<td>AP states all closeout (punch list, O&amp;M manual, owner stock turnover) to complete October 10, 2015 Verification of Completion</td>
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</tbody>
</table>
1. Project Description
   - Natrona County High School Renovations, including detailed work to preserve the integrity of the historic building while accommodating the learning needs of today’s students.
   - Student design capacity is 1805 students
   - Seating capacity in the main gym is 1,764 and seating capacity in the theater is 837

2. Activities in Progress
   - Phase 3, Northeast Expansion
     - Punch list – Ongoing; architectural back punch occurred last week, engineer verification ongoing
     - Commissioning - Ongoing
     - 41 day advertisement completed October 10th
   - Phase 4 – East & South Wing of Historic Building
     - Demolition complete in east wing, ongoing in southwest wing (classroom demo complete; structural demo for new south stair ongoing) demo in theater ongoing
     - Prep for shotcrete reinforcement ongoing at 3rd floor. Shotcrete installed at ground and 1st level of east wing; ongoing at 2nd floor. Exterior foundation at north elevation of south wing (courtyard) ongoing
     - Masonry restoration and terra cotta replacement complete for the season
     - Structural steel installed at 2 story flex lab
     - Mechanical and plumbing rough in ongoing in east wing and SE wing.
     - Electrical rough in ongoing at east & south wing at all levels; wire pulling started on 3rd floor
     - Exterior wall framing ongoing at north elevation of the south wing. Interior wall framing ongoing in east wing and south wing ground floor & 1st floor
     - Drywall tape and finish at 2nd and 3rd floor of east wing
     - Painting started at 3rd floor east wing
     - Fireproofing structure complete in east wing and SE wing
     - Roofing installation complete at east and west wing; south wing on hold until demo and structural modifications at theater are complete
     - Historic theater windows restoration on hold until finishes start in theater; frames painted and glazing in AP’s possession

<table>
<thead>
<tr>
<th>Phase 4; Construction Start</th>
<th>Start Summer 2015</th>
<th>Ongoing Completion Summer 2016</th>
</tr>
</thead>
<tbody>
<tr>
<td>East &amp; South portions of exist. Bldg. incl. Auditorium/Theatre, classrooms</td>
<td></td>
<td></td>
</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>
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<tr>
<td>Phase 7; Final Site Development completion</td>
<td>Start Summer 2017</td>
<td>Planned Completion Fall 2018</td>
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</table>
Project Schedule Progress 0 days behind

Construction Challenges:

- Additional asbestos discovered in historic building scheduled for Phase 4 construction. Majority of the additional asbestos is in the historic theater. The additional asbestos will take as much as an additional month to remove before demolition and construction efforts can commence. AP Wyoming accelerated efforts to complete Phase 3A (the connection of the NE expansion to the historic building including the new elevator) to complete 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 in the 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
1st floor east wing corridor – Viewed from the south

1st floor southeast wing framing (former admin) – viewed from the north
Kitchen hoods staged at culinary arts on 1st floor – Viewed from the north

Demo at theater – Viewed from the NE
1st floor SW wing demo – Viewed from the north

Excavation for exterior footing at north elevation of south wing – Viewed from the east
2nd floor corridor of east wing – Viewed from the north

Shotcrete installation at 2nd floor – Viewed from the north
MEP rough in at 2nd floor SE wing (science labs) – Viewed from the east

Structural demo for new south stair – Viewed from the northwest
3rd floor corridor paint – Viewed from the south

3rd floor hardlid ceiling tape and finish
3rd floor electrical wire being pulled

3rd floor data cable being pulled
3rd floor prep for shotcrete – Viewed from the north

SW parking lot landscaping – Viewed from the south
SW parking lot landscaping – Viewed from the south

Exterior sheathing and air barrier installation – Viewed from the north
Project: Dean Morgan Renovations and Campus Planning    Project Phase: Phase 2D

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: $12,564,925     % Complete: TBD based on final phase GMP

<table>
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<th>Milestone</th>
<th>Schedule Date</th>
<th>Comment</th>
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<td>Phase 1 Construction Started</td>
<td>May 16, 2012</td>
<td>Completed</td>
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<tr>
<td>Phase 2 Construction Started</td>
<td>June 1, 2013</td>
<td>Complete June 2014</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>
</tr>
<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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<tr>
<td>Phase 3E Construction Start</td>
<td>March 2015</td>
<td>May 2015</td>
</tr>
<tr>
<td>Phase 4A Construction Start</td>
<td>June 2015</td>
<td>Jan 2016</td>
</tr>
</tbody>
</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
• Upcoming renovation phases include: Home Ec area & classrooms
• Phase 4 Guaranteed Maximum Price $4,134,517 approved by the board 4/13/2015
• Material procurement ongoing.
• Construction of Elevator Shaft ongoing.
• Installation of concrete paving @ new loading dock complete
• Phase 4- Loading dock 98% complete – handrail installation – waiting on material
• Phase 4 – Kitchen construction 99% complete.
• All kitchen equipment installed and operational, Breakfast & Lunches are now being prepared and served from the new kitchen. Punch list items are still being addressed.
• Swing space for FACS classrooms on second floor 100% complete and functioning as classrooms
• Demolition of existing FACS classrooms is complete.
• Light gauge metal framing 99% complete in FACS classrooms
• Mechanical, Electrical, Plumbing rough in @FACS classrooms 50% complete.

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.
Demolition of FACS classrooms.

Demolition of FACS classrooms.
Heating and Ventilation installation in FACS classrooms

Light metal framing @ store rooms between Foods and Sewing
Light metal framing @ North wall of Foods room

Electrical rough-in in the sewing classroom
Electrical rough-in in FACS storeroom
Project: Bar Nunn Elementary School Addition & Renovation

Project Phase: Design

Contract Pending

2050 Siebke Dr.
Bar Nunn, Wyoming 82601

Funding Sources: SFD

NCSD Project Manager: Keith Brown
Design Architect: Stateline 7, 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)
  o NCSD Enhancements: $780,000 Westwood refund for renovations to existing
  o NCSD Enhancement: $164,000 major maintenance for fire sprinkler in existing
  o NCSD Enhancement: $670,000 for two Pre-K rooms

• Selected Architect: Stateline 7,
  o Contract for Design is now going through review and signature process.
  o Design starts October 28, 2015
  o Design complete March 3, 2016
  o Construction Bids due April 4, 2016
  o Construction substantial completion July 7, 2017
Project: New Capacity Elementary School (old CYJHS Site)  
Project Phase: Design  
2211 Essex Ave  
Casper, WY 82604

SFD Construction Allocation: $13,310,333

SFD Design Allocation: $1,000,000

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

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

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 award December 2015  
  - School construction complete June 2017  
  - School occupancy July 2017

Activity:

- Demolition of Old CYJH started Sept 2015 and finishes in Nov 2015
  - Modification to increase earthwork in anticipation of new school
  - Modification lowers site to make approach and departure grades less steep
- 95% design review meeting occurred October 21
- Owner’s Representative contract awarded to NV5 for $112,000
- RFP for Commissioning Agent issued 10/11/15

Next Steps:
- Design Complete November 11, 2015
- Construction Bid Date December 12, 2015
- Substantial Completion May 31, 2017
- Final Completion June 30, 2017
Major Maintenance Projects Summary:

- Major Maintenance Construction Management Contract RFP issued, proposals received 10/20/15
- Installing exterior security lights @ UP, Willard, Westwood, & Bus Hub
- Computer managed locks @ Centennial, Poison Spider, CCA/FMS
- Central Services parapet and bus parking improvements, including security lighting
- Replace roofing @ Centennial & CCA/FMS

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<th>Scope</th>
<th>Budget ($)</th>
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</thead>
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<td>Bus Hub</td>
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<td>Renovate for bus hub</td>
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<td>Replace roofing over center section</td>
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<td>Improve drainage in parking area</td>
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<tr>
<td>Crest Hill</td>
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<td>Repair soffits &amp; fascia</td>
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<tr>
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<td>056592</td>
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<td>054428</td>
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<td>FMS/CCA</td>
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<td>Buzz-in and system and camera @ ADA</td>
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<td>Mtn View</td>
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<td>Reconfigure front office &amp; entrance</td>
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<td>NCHS</td>
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<td>Asbestos abatement in theatre area</td>
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<td>Park</td>
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<td>ADA lift for stage access</td>
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<td>Poison Spider</td>
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<td>Install wireless computer managed locks</td>
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<td>PV</td>
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<tr>
<td>UP</td>
<td>056335</td>
<td>Exterior Security Lights</td>
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<td>Verda James</td>
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<td>Install security fencing</td>
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<td>Westwood</td>
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<td>Exterior Security Lights</td>
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<td>Westwood</td>
<td>054420</td>
<td>Replace all exterior doors &amp; frames</td>
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</tbody>
</table>
Willard 056336  Replace exterior security lighting 35,000
Willard 055565  Security vestibule & security cameras 100,000

Major Maintenance Planning for 2015/2016

Projects below to be incorporated into 2016 MM contract

<table>
<thead>
<tr>
<th>Facility</th>
<th>Scope</th>
<th>Budget ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Centennial</td>
<td>Design &amp; plan replace HVAC DDC Controls</td>
<td>25,000</td>
</tr>
<tr>
<td>CSF</td>
<td>Asphalt repairs throughout district</td>
<td>250,000</td>
</tr>
<tr>
<td>CSF</td>
<td>Misc painting throughout district</td>
<td>25,000</td>
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<tr>
<td>CSF</td>
<td>Misc security upgrades throughout district</td>
<td>100,000</td>
</tr>
<tr>
<td>CSF</td>
<td>Misc lighting upgrades throughout district</td>
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</tr>
<tr>
<td>CSF</td>
<td>Facility Upgrade Phase 2</td>
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<tr>
<td>CYMS</td>
<td>Replace Parking &amp; Area Lighting w/LED</td>
<td>35,000</td>
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<tr>
<td>Mills</td>
<td>Replace 7 exterior doors</td>
<td>25,000</td>
</tr>
<tr>
<td>Dean Morgan</td>
<td>Replace/Repair/Repaint heating register grills in cafeteria and stairwells.</td>
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</tr>
<tr>
<td>FCA</td>
<td>Replace Parking &amp; area Lighting w/LED</td>
<td>20,000</td>
</tr>
<tr>
<td>KWHS</td>
<td>Install PA speakers @ Soccer Field</td>
<td>20,000</td>
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<tr>
<td>KWHS</td>
<td>Design track repairs</td>
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<tr>
<td>NCHS</td>
<td>Misc Stadium Repairs</td>
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<tr>
<td>KWHS</td>
<td>Repair/replace stadium booth siding</td>
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<td>KWHS</td>
<td>Recaulk stadium</td>
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<tr>
<td>Evansville</td>
<td>Replace Intercom System</td>
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<tr>
<td>Grant</td>
<td>Underpin north end of upper corridor</td>
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<tr>
<td>Grant</td>
<td>Replace carpet in hallway on ramp.</td>
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<tr>
<td>Grant</td>
<td>Replace doors in all portables.</td>
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<td>Manor Heights</td>
<td>Replace hallway tiles as needed</td>
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<td>Manor Heights</td>
<td>Replace flooring in boy's restroom 125B</td>
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<tr>
<td>Manor Heights</td>
<td>Replace carpet in 001, 108, 115</td>
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<tr>
<td>Midwest</td>
<td>Replace linoleum in kitchen area.</td>
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<tr>
<td>Midwest</td>
<td>Replace lighting in aux gym.</td>
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<tr>
<td>Midwest</td>
<td>Replace lighting in HS commons area.</td>
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<tr>
<td>Midwest</td>
<td>Replace/repair large Plexiglas window @ deep end of pool.</td>
<td>15,000</td>
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<tr>
<td>Mills</td>
<td>Replace/repair pad by dumpster</td>
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<tr>
<td>Mountain</td>
<td>Install new windows in 59 hallway.</td>
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<tr>
<td>View</td>
<td>Replace 3 swamp coolers.</td>
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<tr>
<td>Oregon Trail</td>
<td>Replace carpet in several rooms</td>
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</tr>
<tr>
<td>Paradise Valley</td>
<td>Replace carpet, multiple rooms</td>
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<tr>
<td>University Park</td>
<td>Replace carpet in Kinder Rms 108 &amp; 110</td>
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<tr>
<td>University Park</td>
<td>Eliminate step on front walkway by entry to parking lot, new sidewalk</td>
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<tr>
<td>Verda James</td>
<td>Replace ext doors @ older section of bldg</td>
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<tr>
<td>Willard</td>
<td>Replace concrete pad by dumpster.</td>
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SFD Security Enhancements
Project Manager: Doug Tunison

Current Activity
- SFD Regional Planning Meeting complete on 10/5/15
- Change order issued to Pope Construction (currently) for construction management on 10/6/15
- Pope Construction is scoping and scheduling jobs

### SFD Budgets

<table>
<thead>
<tr>
<th>Facility</th>
<th>Budget</th>
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<td>ABLE</td>
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<tr>
<td>Alcova</td>
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<td>Bar Nunn</td>
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<tr>
<td>CCA</td>
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<td>Centennial</td>
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<td>Cottonwood</td>
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<td>Crest Hill</td>
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<td>CYMS</td>
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<td>DMJH</td>
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<td>Evansville</td>
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<td>Fairgrounds</td>
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