TO: Board of Trustees
FROM: Dennis Bay, Executive Director Business Services
DATE: December 11, 2015
SUBJECT: Construction Projects Reports

The construction reports for projects in progress as of December 11, 2015, are attached for your information.

Pay Applications for all Capital Construction Projects for the month of December, 2015 is estimated to total just over $11.2M.

(This includes design, construction, project management, construction material testing, abatement, City fees and service utilities)
Dennis to Update

- P.I.C. – Roosevelt HS:
  - North Parking lot is paved and access road and service drives are paved
  - Interior painting and finishes continue in both spaces
  - The Pre-School playground for P.I.C. has been installed on the South
  - Re-naming of P.I.C. is progressing with HS Committees, Board Recommendation to officially change name to P.I.C. at Board meeting Dec. 14
  - P.I.C. window installation complete

- KWHS:
  - Casework ongoing Area G
  - Painting continuing Areas C & D
  - Flooring ongoing Areas G & H
  - Curb/Gutter installation prep work for asphalt paving in South staff parking lot on going
  - Floor tile installation in area of grand stair; Area G & H and Media Center

- NCHS:
  - 2nd & 3rd floors East wing painting ongoing
  - New window installation East wing
  - South wing classroom partitions/hallways ongoing
  - Theatre work ongoing
  - Working on completing Phase 3 punch lists

- Dean Morgan Renovations and Campus Planning:
  - New casework for FACS (Family and Consumer Science) delivery has been delayed
  - New loading dock handrail is complete
  - New West doors/windows have been installed (to athletic fields)
  - New West elevator nearing completion; electrical and safety items remaining

- Bar Nunn ES Addition & renovation:
  - Architect selected, Stateline 7, Casper, WY; Contract completed
  - Programming/Design has started
  - 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 will begin
  - New Construction Bid date December 8, 2015
  - Construction award scheduled for January 11, 2017 (Board meeting)
Natrona County School District No. 1
Construction Project Report
December 11, 2015

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

<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>
<td>Planned</td>
</tr>
<tr>
<td>P.I.C. &amp; RHS Certificate of Occupancy</td>
<td>April 2016</td>
<td>Planned</td>
</tr>
<tr>
<td>Moving into buildings</td>
<td>Summer 2016</td>
<td>Planned</td>
</tr>
<tr>
<td>Exterior Metal Framing complete</td>
<td>September 2015</td>
<td>Planned</td>
</tr>
<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>
</tr>
<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</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
Groathouse 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: $26,994,839 (Includes Retainage)  % Complete: 71%

Architectural Design fees P.I.C.: $1,893,795  Paid to date: $1,773,464  % Complete: 93%
Architectural Design fees RHS: $1,083,732  Paid to date: $1,011,842  % Complete: 98%

P.I.C. FF&E Budget: $998,067  RHS FF&E Budget: $567,528

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: Exterior Cementatious Siding at East Face
   • RHS: Drywall Installation on Main Level
   • RHS: Store Front Framing at SE Entry
   • RHS: Handrails / all levels
   • RHS: Concrete Floor Polishing
   • P.I.C. EAST: Interior Door Frame Installation
   • 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: Ceramic Tile Installation on Main, Upper and Lower 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: Siding Installation at South Elevation
   • P.I.C. WEST: Handrail / all levels
   • P.I.C. WEST: Painting on Upper, Main and Lower Levels
   • Campus: Site Work:
     o Driveway to North Parking and CTE spaces
     o Lower Parking at CTE spaces (final lift of asphalt)
     o Amphitheatre seating
     o Playground
Project Schedule Progress:

- 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
- RHS: Mechanical Rough-in on Main and Upper Levels – complete
- RHS: Electrical Rough-in –complete
- RHS: Window Frames and Glazing at South Elevation - complete
- P.I.C. EAST: Folding Door Installation on Upper Level - complete
- P.I.C. EAST: Acoustical Ceiling Grid Installation on Main and Upper Levels - complete
- P.I.C. EAST: Data rough-in on Main and Upper Levels - complete
- P.I.C. EAST: Glazing (North and South Elevation)
- P.I.C. EAST: Roof membrane -complete
- P.I.C. EAST: Roof steel and decking -complete
- P.I.C. EAST: Foundation Walls – complete
- P.I.C. EAST: Ductwork in crawlspace -complete
- P.I.C. EAST: Plumbing rough-in complete on all levels
- P.I.C. EAST: Heating piping in crawlspace complete on all levels
- P.I.C. EAST: Interior wall framing -compete (all levels)
- P.I.C. EAST: Exterior wall framing -complete
- P.I.C. EAST: Structural Steel Erection -complete
- P.I.C. EAST: Concrete slab on Deck (all levels) - complete
- P.I.C. EAST: Exterior Wall / Sprayed Foam Insulation – complete
- P.I.C. EAST: Drywall Installation – complete on main and upper level
- P.I.C. EAST: Fire Sprinkler Protection - complete
- P.I.C. EAST: Exterior Foam Board Insulation and Weather Barrier – complete
- P.I.C. EAST: Cementitious Siding Installation at South Elevation – complete
- P.I.C. EAST: Metal Siding at South Elevation – complete
- P.I.C. EAST: Ceramic Tile Installation – complete at public restrooms, main level
- P.I.C. EAST: Kitchen Hood Installation - complete
- P.I.C. WEST: Roof membrane - complete
- P.I.C. WEST: Slabs on Deck, (all levels) - complete
- P.I.C. WEST: Foundation Walls - complete
- P.I.C. WEST: Structural Steel and decking - complete
- P.I.C. WEST: Ductwork in crawlspace - complete
- P.I.C. WEST: Heating piping in crawlspace - complete
• P.I.C. WEST: Interior wall framing - complete
• P.I.C. WEST: Exterior wall framing – complete
• P.I.C. WEST: Fire Sprinkler Installation in Crawlspace – complete
• P.I.C. WEST: Drywall; Tape, Fill and Finish on Main Level - complete
• South Parking Lot - complete
• Retaining Wall at North Side of P.I.C. - complete
• Retaining Walls at South Side of bldg – complete
• Concrete Seats, South Side of P.I.C. EAST – 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
December 11, 2015

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: $56,822,643
Architectural Design fees: $5,067,860
Paid to date: $4,416,043

FF&E Budget: $3,131,772

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

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<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>
</tr>
<tr>
<td>East Building Interior Framing &amp; Drywall</td>
<td>Start Fall 2014</td>
<td>Complete</td>
</tr>
<tr>
<td>East Building Interior Framing &amp; Drywall</td>
<td>Complete Summer 2015</td>
<td>Complete</td>
</tr>
<tr>
<td>West Building Interior</td>
<td>Start Summer 2015</td>
<td>Ongoing - ahead of schedule,</td>
</tr>
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</table>

% Complete : 66%
% Complete : 87%
Balance Remaining: $824,891

Paid to date: $4,416,043
% Complete : 87%
<table>
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<tr>
<th>Framing</th>
<th>Complete Early 2016</th>
<th>nearing completion</th>
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</thead>
<tbody>
<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>West Building Mechanical, Electrical, Plumbing, Fire Sprinkler (MEP) Rough In</td>
<td>Start Summer 2015 Complete Early 2016</td>
<td>Ongoing – ahead of schedule</td>
</tr>
<tr>
<td>East Building Ceilings, Finishes, and Accessories</td>
<td>Start Early 2015 Complete Fall 2015</td>
<td>Ongoing</td>
</tr>
<tr>
<td>West Building Ceilings, Finishes, and Accessories</td>
<td>Start Summer 2015 Complete Spring 2016</td>
<td>Ongoing</td>
</tr>
<tr>
<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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<tr>
<td>West Building Closeout Activities (pre-punch, punch list, commissioning)</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>
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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**
   - Interior wall and soffit framing ongoing at Area F. Drywall tape and finishing complete in Area C & D. Drywall installation and acoustic sealing started at upper level Area F.
   - Doors and Windows - Exterior aluminum storefront installed in Areas A, C, D; large exterior storefront and glazing ongoing throughout the building.
   - Casework installation complete in Area H (except many counters still need installed) and ongoing in Area G.
   - Finishes- Painting ongoing in Area C, D, & lower F. Ceiling grid installation complete at Area H and mostly complete in Area G. Athletic equipment installation ongoing in gymnasiums. Cut and border tile installation complete at places where ceiling grid is installed in area G (mostly classrooms and offices).
   - Flooring- Resilient flooring ongoing in Area G. Carpet installation recommences in Area H 1st week of Dec. Wood flooring for Gym delivery needs to be re-scheduled due to late mechanical startup. Ceramic tile ongoing in Area G and Area F east commons.
• Specialties- Lockers some have been delivered to site and installation has commenced. Solatubes being installed to ceiling level in Areas G & H.
• Scaffolding over Area F grand staircase begins week of December 14th
• 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 is ongoing in Area A-D, and Rough in ongoing in Area C & D crawlspace areas. Plumbing fixture installation ongoing in Area H & G. Equipment startup started and will be ongoing through the end of the year.
• HVAC- Diffusers and flex lines being installed in Area G & H ceiling grid. Rough is ongoing in Areas A-D and in Area C crawlspace; Equipment startup ongoing through the end of the year.
• Communication- Pulling data cabling complete in Area H. Area H (appears nearing completion) & G IDF room build out continues. 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- Modular retaining wall installation complete. Site grading ongoing south of Area C & D; base material installation ongoing.
• Site Concrete – cast in place concrete retaining walls ongoing. Curb and gutter at SW lot ongoing
• Exterior Improvements: First lift of asphalt is scheduled for 1st week of December
• 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 ongoing at Area F interior; exterior site walls complete
• Metal panel installation re-work and installation was scheduled to re-commence last week.
• Rock cover installed in Area H, G, A, C, & D crawlspace; vapor barrier installation needs completed on sloped areas of crawlspace
• Punch of Area H/G begins last week of January
  • Building commissioning scheduled to start mid-February

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).
  o Existing Gyms will be demolished with remainder of existing building
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
SW parking lot curb and gutter and grading – Viewed from the west

West access road grading – Viewed from the south
Area C & D ceiling grid installation – Viewed from the west

Locker install at women’s PE locker room – Viewed from the north
MEP rough in at Area D CTE shops – Viewed from the north

MEP rough in at main gym (additional electrical) – Viewed from the east
Area F drywall and brick at Area F commons – Viewed from the east

Area F paint at Area F east commons – Viewed from the south
Area F wall tile at Area F east commons – Viewed from the north

Area G main level plumbing fixtures at gang bathroom adjacent to commons – Viewed from the north
Area G ceiling tile (cut tile) installation – Viewed from the east

Casework staged at main level area G – Nurses office/clinic pictured
Ceiling tile at admin area offices – Viewed from the south

Site walls south of building complete – Viewed from the SE
Metal panel installation recommenced – Area F viewed from the south

SW parking lot grading – Viewed from the east
Natrona County School District No. 1
Construction Project Report
December 11, 2015

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: $95,384,947 (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: $1,797,835

Architectural Design fees: $12,236,365 Paid to date: $8,784,305 % Complete :72%

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</td>
</tr>
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### Verification of Completion

<table>
<thead>
<tr>
<th>Phase 4; Construction Start</th>
<th>Verification of Completion ongoing by Architect/Engineer(s)</th>
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</thead>
<tbody>
<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>
</tr>
<tr>
<td>Phase 7; Final Site Development completion</td>
<td>Start Summer 2017</td>
</tr>
</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 1,762 and seating capacity in the theater is 837

2. **Activities in Progress**
   - **Phase 3, Northeast Expansion**
     - Punch list – Three items remain to be corrected, scheduled for Christmas break
     - Commissioning – four corrective items need to be completed, scheduled for Christmas break
     - 41 day advertisement for completion of punch list items occurred on October 10th
   - **Phase 4 – East & South Wing of Historic Building**
     - Demolition ongoing in southwest wing (classroom demo complete; structural demo for new south stair ongoing) demo in theater complete
     - Shotcrete complete at east and SE wings at all flooring. Exterior foundation at north elevation of south wing (courtyard) complete. Foundations and walls ongoing at SW wing.
     - Masonry restoration and terra cotta replacement complete for the season; structural masonry to commence in south wing once demolition is complete; masonry at south wing north wall (courtyard) started
     - Structural steel installed at 2 story flex lab; steel at south west wing ongoing
     - Mechanical and plumbing rough in ongoing in all areas; east, SE, theater, SW wings
     - Electrical rough in ongoing in all areas; east, SE, theater, SW wings
     - New power to MDF will be done over Christmas break (power down for one day)
     - Exterior wall framing complete at north elevation of the south wing. Interior wall framing appears complete in east wing and south wing. Exterior wall insulation installation appears complete at 4th floor (south tower). Interior hard lid and soffit framing ongoing in east and southeast wing.
     - Drywall tape and finish ongoing at 1st, 2nd, and 3rd floor of east wing
     - Painting ongoing at 2nd & 3rd floor east wing
     - Fireproofing existing structure complete in east wing, SE wing, and at SW wing – new steel to be fireproofed as the steel is erected.
o Roofing installation complete at east and west wing; south wing on hold until demo and structural modifications at theater are complete.

o Historic theater windows restoration on hold until finishes start in theater; frames painted and glazing in AP’s possession

o Window installation on East wing ongoing – nearing completion

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
Projector bracket installation – Room 2018

Ground level MEP rough in – Viewed from the north
1st floor  MEP rough in and drywall – Viewed from the south

1st floor  MEP rough in and drywall – Viewed from the north
Theater soil stabilization and structural work – Viewed from the south

MEP underground rough in at SW wing – Viewed from the south
2<sup>nd</sup> floor drywall tape and finish – Viewed from the north

2<sup>nd</sup> floor paint – Viewed from the south
2nd floor ceiling grid – Viewed from the south

2nd floor electrical room – Viewed from the east
South wing roofing installation – Viewed from the east

North wall of south wing masonry – Viewed from the NE
3rd floor MEP rough in – Viewed from the east

3rd floor MEP rough in – Viewed from the north
3rd floor SW wing MEP rough in – Viewed from the south

3rd floor flooring prep MEP equipment and device installation in ceiling grid – Viewed from the west
Natrona County School District No. 1
Construction Project Report
December 11, 2015

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: $14,354,783

<table>
<thead>
<tr>
<th>Milestone</th>
<th>Schedule Date</th>
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<tr>
<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>
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<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>
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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>
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</tr>
<tr>
<td>Phase 4A Construction Start</td>
<td>June 2015</td>
<td>Jan 2016</td>
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</table>

1. Project Description
   - Complete Renovation of existing building and Campus planning
2. Activities in Progress
   - Project is on schedule
   - Classroom renovations are being completed during the school year in phases with the use of the 4 portable classrooms located in the parking lot
   - Home Ec area & classrooms’ construction on going
   - Construction of Elevator Shaft ongoing.
   - Installation of concrete paving @ new loading dock complete
   - 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 complete in FACS classrooms
   - Mechanical, Electrical, Plumbing rough –in @FACS classrooms complete
   - Drywall, tape, texture, paint in FACS classrooms 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 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

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.
  - Casework delivery for FACS classrooms has been delayed by Manufacturer this may delay move in to this area until after Christmas Break. Contractor is working to have this schedule expedited.
New Store Front @ West Entry Door

New Store Front @ North Entry Door
New Hollow Metal Door Gym Storage

Gate Installation @ Trash Enclosure
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
  - The selection committee shortlisted three firms for interviews; Sept. 23, 2015
    - Plan One Architects, Cody, WY
    - Stateline 7 Architects, Casper, WY
    - Ward+Blake Architects, Jackson, WY/Casper, WY
- Next steps:
  - Interviews conducted Sept. 23, 2015
  - Contract for Design is fully executed with Stateline 7
  - Design started October 23, 2015
  - Design complete March 3, 2016
  - Construction Bids due April 4, 2016
  - Construction substantial completion July 7, 2017

- Activity
  - First Programming Meeting with State Line No. 7 completed.
  - Proposals for Geo-Technical Subsurface Investigation & Report Contract back to SFD
  - Proposal for Re-Platting of building lots signed – work now being performed.
  - Preliminary Engineering review of existing building underway.
  - NCSD Design Guidelines Provided to Architect.
  - Concept Design with staff and SFD complete.
Project: New Capacity Elementary School (old CYJHS Site)  
Project Phase: Demolition of Existing + Bidding for new Construction

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

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
  - Modification to increase earthwork in anticipation of new school
  - Modification lowers site to make approach and departure grades less steep
  - Demolition ~90% complete (not including earthwork)
  - Earthwork begins 12/8/15
  - Change Order received for extra earthwork required by the SFD

- Commissioning Agent contract with Group14 Engineering with NCSD for signature

Next Steps

- Construction Bid Date December 8, 2015
- Construction bid award at Board Meeting January 11, 2016
- Substantial Completion May 31, 2017
- Final Completion June 30, 2017

Entry of Capacity ES
Village Commons
First Floor

Second Floor
Major Maintenance
Project Manager: Doug Tunison

Major Maintenance Projects Summary: Projects Underway
- Issued 2016-17 request for Major Maintenance projects
- Major maintenance contract recommend award to Pope Construction
- Buzz-in system for enhanced security @ Manor Heights
- Repairs to Midwest Pool – Lights, Coating, Kalwall
- Mountain View ES vestibule improvements for enhanced security
- Installing exterior security lights @ UP, Willard, Westwood, & Bus Hub
- Soffit and fascia installation at Manor Heights and Crestwood
- Computer managed locks @ Centennial, Poison Spider, CCA/FMS
- Central Services parapet, including security lighting

<table>
<thead>
<tr>
<th>Facility</th>
<th>WO</th>
<th>Scope</th>
<th>Budget ($)</th>
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</thead>
<tbody>
<tr>
<td>Bus Hub</td>
<td>055438</td>
<td>Renovate for bus hub-Enhanced Security Lighting</td>
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<td>Centennial</td>
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<td>Lighting retrofit</td>
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<td>Crest Hill</td>
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<td>Repair soffits &amp; fascia</td>
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<td>CSF, Maint</td>
<td>056592</td>
<td>Security Gate</td>
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<td>CSF</td>
<td>054428</td>
<td>Parapet issues, block damage, interior water damage</td>
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<td>CYMS</td>
<td>054427</td>
<td>Synthetic field pulling away from anchor</td>
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<td>CYMS</td>
<td>054066</td>
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<td>DMJH</td>
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<td>DMJH</td>
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<td>FMS/CCA</td>
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<td>FMS/CCA</td>
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<td>KWHS</td>
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<td>KWHS</td>
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<td>Buzz-in and system and camera @ ADA</td>
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<td>Design (only) for elevator, ADA access</td>
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<td>Manor Heights</td>
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<td>Repair soffit</td>
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<td>Midwest</td>
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<td>Install monitoring manholes at underground storage tanks</td>
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<td>Midwest</td>
<td>060424</td>
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<tr>
<td>Midwest</td>
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<td>Replace kiln in art room</td>
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<td>Mtn View</td>
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<td>Reconfigure front office &amp; entrance, on hold</td>
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<tr>
<td>NCHS</td>
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<td>Park</td>
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<td>Poison Spider</td>
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<td>PV</td>
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<td>Willard</td>
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<tr>
<td>Willard</td>
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<td>Security vestibule &amp; security cameras</td>
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## 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>
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<tr>
<td>CSF</td>
<td>Asphalt repairs throughout district</td>
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<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>
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<tr>
<td>CSF</td>
<td>Misc lighting upgrades throughout district</td>
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<tr>
<td>CSF</td>
<td>Facility Upgrade Phase 2 (landscaping)</td>
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<td>CYMS</td>
<td>Replace Parking &amp; Area Lighting w/LED</td>
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<tr>
<td>Mills</td>
<td>Replace 7 exterior doors</td>
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<tr>
<td>Dean Morgan</td>
<td>Replace/Repair/Repaint heating register grills in cafeteria and stairwells.</td>
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<tr>
<td>FCA</td>
<td>Replace Parking &amp; area Lighting w/LED</td>
<td>20,000</td>
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<tr>
<td>KWHS</td>
<td>Install PA speakers @ Soccer Field</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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<td>KWHS</td>
<td>Repair/replace stadium booth siding</td>
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<tr>
<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 ramp.</td>
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<tr>
<td>Grant</td>
<td>Replace exterior 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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<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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<td>Midwest</td>
<td>Replace lighting in aux gym.</td>
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<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>
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<tr>
<td>Mills</td>
<td>Replace/repair pad by dumpster</td>
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<tr>
<td>Mnt View</td>
<td>Install new windows in 59 hallway.</td>
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<tr>
<td>Mnt 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>
<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>
<tr>
<td>Willard</td>
<td>Replace concrete pad by dumpster</td>
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SFD Security Enhancements
Project Manager: Doug Tunison

Current Activity
- Pope Const developing a schedule of values for security projects
- Designing & pricing security vestibules for Evansville ES, Park ES, Midwest ES, Mtn View ES
- Preparing to order radios for distribution to schools by Risk Manager
- Working with NCSD risk manager to prioritize projects

SFD Budgets

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<thead>
<tr>
<th>Facility</th>
<th>Budget</th>
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<td>Alcova</td>
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<td>Bar Nunn</td>
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<td>CCA</td>
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<td>Centennial</td>
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<td>Cottonwood</td>
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<td>DMJH</td>
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<td>North Casper</td>
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<td>Red Creek</td>
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