



**ENGINEERING DEPARTMENT - PROJECT PROGRESS UPDATE  
JUNE 1, 2018**

**CITY PROJECTS:**

<b>CITY HALL IMPROVEMENTS</b>	<b>PROJECT #:</b> 2019-01
Drainage improvements, ADA sidewalk repairs, water service replacement and patching/overlay to parking lot, irrigation system rehab, library outdoor area	
Design to be completed in 2018 and construction slated for 2019. The project kickoff meeting between the City and FMG was held on 5/17. Discussed site improvements including the landscaping and outdoor reading area. FMG continues to work on the design.	
<b>SPEARFISH COMMUNITY PATH FEASIBILITY STUDY</b>	<b>PROJECT #:</b> 2018-16
Preparation of a Feasibility Study for a shared use path (community path), evaluation of potential route options, conceptual design services. Area A: Path will link Exit 8 area to existing City path system. Area B: Path will link Roughlock Lane to existing path at Exit 14, running through the Green Acres area.	
Request for Proposal will be sent to several design firms on 6/4. Sealed proposals are due back on 6/20. Review Committee will evaluate proposals on 6/22 and make recommendation of award during 6/26 Public Works Committee meeting and 7/2 City Council meeting.	
<b>2018 ANNUAL STREET MAINTENANCE PROJECT</b>	<b>PROJECT #:</b> 2018-15
Locations and scope to be determined.	
Engineering Dept awaiting project scope information from Street Dept which is needed to begin project design. This project will be designed in-house.	
<b>2018 GRAZING LEASE - LOOKOUT MOUNTAIN</b>	<b>PROJECT #:</b> 2018-12
2018 grazing lease for Lookout Mountain. Perry is the main contact.	
Bid Opening was on 3/26. Resolution of Intent to PW Committee meeting is scheduled for 4/16 as a Public Hearing. Award Highest Bid and approve Lease at the 5/7 City Council meeting.	
<b>SPEARFISH CREEK FLOODPLAIN STUDY – PHASE II</b>	<b>PROJECT #:</b> 2018-10
This phase will study numerous breakout flow areas within the City and County and propose possible improvements to eliminate or reduce these flows and convey them safely back to the main creek channel. Preliminary construction costs will also be provided for each improvement project.	
Lawrence County is currently performing a property valuation for areas that will be affected by the floodplain study. The valuation is scheduled to be completed around mid-June and will be shared with the City. Thereafter the City and County will decide how to proceed; whether or not to perform improvement projects to minimize breakout flows).	
<b>CITY STANDARDS &amp; SPECIFICATIONS</b>	<b>PROJECT #:</b> 2018-09
New goal is to have the standards and specs completed and incorporated by end of 2018.	
Staff is currently reviewing 'Engineering Design Standards' sections and will return comments to HDR as reviews are completed.	

<b>GREEN ACRES TANK WATERLINE DISTRIBUTION</b>	<b>PROJECT #: 2018-08</b>
<p>This project is identified within the City's Water Master Plan. New 12" water distribution line from Green Acres Tanks to 12" main along Colorado Blvd. Alignment is along 32nd Street-10th Ave-33rd Street. Also includes a new 12" line along the west side of Maitland Road that will loop the 12" Colorado Blvd water main to a 6" line approximately 1300' to the south. AE2S is the design consultant</p>	
<p>GTI was awarded the project at the 4/16 Council mtg. City Utilities Dept will need to tie the 2 homes adjacent to Maitland Road onto City sewer prior to construction (currently have septic drain fields). Construction will begin in early June, starting along Colorado Blvd and working south to 4th Avenue/32nd Street.</p>	
<b>SANDSTONE PARK RECREATION PATH EXTENSION</b>	<b>PROJECT #: 2018-05</b>
<p>New Recreation Path from the West side of Sandstone Park to the sidewalk ending on the North side of the detention pond berm. An additional path will also link the berm to existing sidewalk along south side of Stampede Drive. The design will be done in house by the Engineering Department. Grant money will be used to fund a majority of project.</p>	
<p>Construction began on 5/2 and is scheduled to be completed around mid-June. Excavation and embankment is nearly complete for the recreation path (excluding catch slopes), base course is placed along the east/west section and concrete will be placed within this area on ~ 5/31. Contract Completion Date is 7/20/18.</p>	
<b>OLD TOWN SANITARY SEWER TRUNKLINE EXT PH3</b>	<b>PROJECT #: 2018-04</b>
<p>Extension of the New 21" Sanitary Sewer Trunkline on State Street from Federal to Dakota and on Dakota Street from State to the East 10th Street Alley. An existing 8" transite water main will also be replaced on State Street from Hudson to Dakota. HDR Engineering is designing the project.</p>	
<p>Council awarded lowest bid from Rapid Construction at its 2/20 meeting. Construction started on 5/7 and the 21" sewer trunkline has been installed along State Street from Federal to Dakota. Contractor will proceed with installation of remaining sewer along Dakota and Dahl Road in the coming weeks.</p>	
<b>JACKSON BLVD IMPROVEMENTS PROJECT</b>	<b>PROJECT #: 2018-01</b>
<p>Water, sewer, storm drainage, and street improvements from Exit 12 to University Street.</p>	
<p>Revised concept plan and amendment to AE2S design contract was approved at 4/2 City Council meeting. Phase 1 is scheduled for January 2019 bid letting &amp; 2019 construction, Phase 2 bid letting for later summer '19 and construction late fall '19 through 2020. The consultant is continuing on plan design work. The design committee will meet again on 6/12 to review progress on the streetscaping and landscaping components of the project.</p>	
<b>COLORADO BLVD 12" WATER MAIN (EXIT 14)</b>	<b>PROJECT #: 2016-01</b>
<p>New 12" water transmission main on Colorado Blvd from 27th Street, east approximately 4400 feet to existing 12" main (Kenny Price property). Identified in water master plan. Remove eastbound outside lane on 1st Ave from 27th Street east one block, install new curb &amp; gutter, and add new sidewalk.</p>	
<p>Construction is complete.</p>	
<b>2017 BRIDGE INSPECTIONS REPORT</b>	<b>PROJECT #: N/A</b>
<p>Bi-annual report required by SD DOT. Condition of all bridges within Spearfish City Limits. Coordinated minor repairs/maintenance with the Street Department. Major repairs set up contracts. Major work to be completed with Capitol Project funding and/or with the SD DOT Bridge Improvement Grant (BIG) funding.</p>	
<p>The city received the final report from HDR. The Engineering Department is working on a repairs/maintenance spreadsheet. The Engineering and Street Departments met on 1/9 to coordinate needed minor work to be completed in house and major work to Capital Projects/SDDOT BIG program.</p>	

**SD DOT PROJECTS:**

<b>ACORN RIDGE ROAD BRIDGE REPLACEMENT</b>	<b>PROJECT #:</b> 2018-02
Located 1/4 mile east of St. Onge Road intersection (Exit 17). SD DOT bridge replacement project. Design engineer is HDR Engineering. Scheduled to be constructed in 2018. Funding is 80/20, State/City. Replacing the Bridge with a Box Culvert.	
The project bid letting was held on 4/18 through the SD DOT and The Journey Group was the apparent low bidder. The pre-construction meeting was on 6/1 at the Rapid City SD DOT office. Construction is scheduled to start 6/7. City Water & Sewer Dept still needs to abandon a portion of an existing waterline that will conflict with the construction of the new culverts/bridge.	
<b>SD DOT EXIT 14 IMPROVEMENTS</b>	<b>PROJECT #:</b> 2016-03
Reconstruction of the Exit 14 Interchange with a single point interchange. Realigning 27th Street North of Colorado Boulevard to the East to line up with 27th Street South of Colorado Boulevard.	
The overall completion date for this project is June 1, 2018. Work on remaining items is proceeding. The traffic signals are now operational. Work on I-90 to replace cracked and spalled concrete continues. City staff did a final walkthrough with the Contractor on 6/1 to inspect the electrical/street lighting/traffic signals and generated a punchlist of items to be completed. Work should be completed by 7/1. A ribbon cutting ceremony is scheduled for 6/20.	

**PRIVATE DEVELOPMENTS:**

<b>HIGH SCHOOL PARKING LOT EXPANSION</b>	<b>PROJECT #:</b> 2018-19
Expansion of parking lot, west of tennis courts, north of existing parking lot, east of western most access drive to High School. Detention is also provided.	
1st plan submittal submitted to City on 5/22, comments due ~6/12	
<b>LOT 3 BLK 1 DODDS SUBDIVISION DEVELOPMENT</b>	<b>PROJECT #:</b> 2018-18
Commercial lot development east of Seaton Circle. Project will included the extension of utilities and a new street with a cul-de-sac. Lot 3 will be subdivided into 5 lots.	
1st plan submittal submitted to City on 5/23, comments due ~6/13	
<b>KK COURT WATERLINE REPLACEMENT</b>	<b>PROJECT #:</b> 2018-17
Replacement of existing, private water mains and services for the trailer court. The new 4" mains will be bored.	
Pedersen Excavating will notify the City prior to commencement of construction. City specifications were provided and the Contractor/owner will also need to provide as-builts to the City.	
<b>CREEKSIDE BISTRO - LOT 1 VILLAGE AT CREEKSIDE</b>	<b>PROJECT #:</b> 2018-14
Bistro and Brewery - Lot 1 Village at Creekside Subdivision, west side of Yukon Place, east of Spearfish Creek.	
The City Council approved the final site and building concepts (DRD zoning) at the 4/16 meeting. Developer will now submit for code reviews and final civil engineering.	
<b>369 EVANS LANE WATERLINE EXTENSION</b>	<b>PROJECT #:</b> 2018-13
Extension of 8" stub-out onsite with new service lines to 3 homes on site. This parcel is being subdivided into 3 lots and located on the west side of Evans Lane, in Lawrence County. All facilities will be privately owned and maintained	
Owner was approved to connect to City water at 4/2 City Council mtg. Development plans and plat are being prepared and will be submitted to the City soon.	
<b>THE GRANARY - LOT 2 VILLAGE AT CREEKSIDE</b>	<b>PROJECT #:</b> 2018-11
Multi-tenant commercial buildings - Lot 2 Village at Creekside Subdivision, west side of Yukon Place, east of Spearfish Creek.	
Project's final site and building concepts (DRD zoning) was approved at City Council on March 21. 2nd submittal City comments were completed on 5/23 and will await 3rd submittal for further review.	

<b>BROOKS LOOP EXTENSION - PHASE 3B &amp; 3A</b>	<b>PROJECT #:</b> 2018-07 & 2017-20
Extension of Brooks Loop to the west and south of the Phase 3A extension (project #2017-20), also includes Drake Court cul-de-sac, residential lots at Elkhorn Ridge Subdivision.	
Site Works Specialists has completed installation of sanitary sewer and water infrastructure on both phases. The Contractor is now working on construction of the roadway.	
<b>MCDONALDS RECONSTRUCTION</b>	<b>PROJECT #:</b> 2018-06
Complete Replacement and site reconstruction. At current location, southeast corner of Ryan Road and N. Main St.	
Staff approved civil/site plans on 3/15. Demolition work began on 4/5. Water service and sewer service tie-ins within N. Main were completed in mid-May. Construction completion is set for early July.	
<b>GREEN ACRES TRACT B-1 LOT DEVELOPMENT</b>	<b>PROJECT #:</b> 2018-03
Tract B-1 of Green Acres Subdivision. Storage condominiums development. No existing services so new ones will need to be extended from nearest existing mains.	
The 1st submittal was received on 1/23. City comments due ~2/10/18. Grading permit was issued on 12/5/17. Site grading is substantially complete. ROW permit issued on 12/21/17 for installation of sewer service (has not started, to date).	
<b>MILLER CREEK PUB @ ELKHORN RIDGE GOLF COURSE</b>	<b>PROJECT #:</b> 2017-27
Located West of the Clubhouse and North of Miller Creek	
The Contractor is currently working on utility work and excavation of the building foundation. The Contractor has now obtained a CORP 404 permit and now has all required permitting for the project.	
<b>LOT 3 BLOCK 1 HERITAGE ADDITION</b>	<b>PROJECT #:</b> 2017-26
Located West of Heritage Drive and South of Auto Doctor. Lot Grading and Construction of retaining wall.	
The City approved plans on 1/25/18. City ROW and grading permits are required prior to commencement of construction.	
<b>PLATINUM DRIVE LOT 5 BANK &amp; STARBUCKS</b>	<b>PROJECT #:</b> 2017-25
Located on the North side of Platinum Drive and West of 27th Street. Lot 5 of Stone Ridge Commons.	
Civil/site plans were approved on 11/27. Construction commenced on 5/1. Utility installation and excavation for the foundation is being performed.	
<b>JAKE'S BODY SHOP</b>	<b>PROJECT #:</b> 2017-24
Located South of Colorado Blvd, east of Maitland Rd Campground, and West of the Carpet Outlet Store.	
Civil/Site plans were approved on 5/15 and the developer paid the water tap cost recapture fee in full. Recorded copies of the 2 sewer system maintenance/ownership agreement still need to be provided to the City.	
<b>SPRING CREEK RANCH SANITARY SEWER</b>	<b>PROJECT #:</b> 2017-23
Extension of Sanitary Sewer to potential development land. East of Butte Electric, North of Sunrise Lane and East of Old Belle Road.	
Plans are approved. The Developers notified the City on 4/12 that they were not able to obtain a utility easement from the landowner that was necessary to construct the sewer extension to their property so the project is not likely to be constructed.	
<b>CLEAR SPRING APARTMENTS - LOT 1R-BLK4</b>	<b>PROJECT #:</b> 2017-22
Located on the southwest corner of Tumbleweed Trail & Clear Springs Rd. In the McGuigan Ranch Addition.	
Plans were approved on 3/27. Construction is scheduled to begin spring of '18.	
<b>FORGEY SITE - INDUSTRIAL PARK</b>	<b>PROJECT #:</b> 2017-19
Construction of commercial building. Northwest corner of Industrial Drive & 1st Avenue.	
Drainage report was approved. Currently under construction. Interstate Engineering needs to submit as-builts of detention pond prior to Certificate of Occupancy.	

<b>CHRISTENSEN DR. APARTMENTS</b>	<b>PROJECT #:</b> 2017-17
Located on the West side of Christensen Drive and North of the Campground entrance.	
Civil/site Plans were approved on 12/05. The contractor started work again on 5/29 and is currently performing excavation/grading of the site.	
<b>KNECHT'S HOME CENTER</b>	<b>PROJECT #:</b> 2017-16
New construction of commercial building. Southeast corner of 27th St and 4th Avenue	
Plans approved on 12/28/17. Construction ongoing, likely through Fall 2018. Storm sewer revisions approved by City on 1/18. Storm sewer installation is now complete. Failing density tests on the storm sewer backfill supposedly have been addressed, awaiting documentation. The lot east of the site was regraded to provide adequate cover over the new storm sewer and positive drainage.	
<b>GOLF COURSE-DRIVING RANGE DEVELOPMENT</b>	<b>PROJECT #:</b> 2017-12
West of Spearfish Canyon Road. South of Colorado Blvd	
Owner will be bringing in fill material to build up site. City & State requirements/permitting have been obtained and the Contractor began installation of the erosion control and french-drain on 5/22.	
<b>EVANS ADDITION - BLOCKS 7 &amp; 8</b>	<b>PROJECT #:</b> 2017-07
Located East of Evans Lane, West of Spearfish Creek, South of Custer Street, and North of Nellie St.	
Plans were approved on 3/29. The developer still needs to submit a document which pertains to maintenance & ownership of the detention facility. Contractor has installed most of the water, storm and sanitary sewer. Work on dry utilities installation and embankment construction will be performed in the coming weeks.	
<b>PONDEROSA APARTMENTS &amp; PARKING LOT IMPROVEMENTS</b>	<b>PROJECT #:</b> 2017-06
Located on the East side of 10th Street between Michigan and Nevada. Rehabbing buildings and parking lot/drainage.	
Under construction.	
<b>NH CINEMA REMODEL &amp; ADDITION</b>	<b>PROJECT #:</b> 2017-05
Interior and façade remodel, storm sewer improvements in N. Main	
Plans approved. City Council approved a \$20,000 SERF loan at its 4/2 meeting for façade rehabilitation. Theatre #3 will be reconstructed this spring/summer. Construction on hold.	
<b>TOP SHELF DEVELOPMENT - MCGUIGAN RANCH PHASE 4</b>	<b>PROJECT #:</b> 2017-04
Single Family/Residential Development located West of McGuigan Road, North of Tumble Weed Trail, South of Old Hwy 14 (Top Shelf Avenue, Suntory Avenue, Green Spot Lane, Talisker Avenue)	
A final walkthrough was performed on 1/22 and punchlist items provided on 1/23. The Developer's bonding request for outstanding items to be completed (sidewalk, top lift of asphalt, etc.) was approved at the 2/5 Council mtg so final platting is now allowed. Outstanding items are required to be completed by 7/1/18. CCR/as-builts City comments completed on 1/22. Contractor is currently installing sidewalk and will commence with repairs to damaged roadways soon. Issues with the cross slope of the roadside ditches along Greenspot still need to be rectified as well.	
<b>SEATON CIRCLE INDUSTRIAL PARK (LOTS 4B &amp; 5B - BLK1)</b>	<b>PROJECT #:</b> 2016-29
Small commercial lot development located north of 1st Avenue, West of Seaton Circle, North or BH Pioneer Building	
Under construction. Additional fill has been placed in areas below 50-yr WSE, as identified by Interstate Engineering., as per the meeting on 9/22/17 to review the non-approved field changes. Awaiting revised hydrology and grading plan from developer/design engineer.	
<b>LOTS 1-3 OF TRACT A FAIRWAY ADDITION</b>	<b>PROJECT #:</b> 2016-22
Utility services extensions, grading, and subdivision of southwestern most lots along Canyon Gate.	
Review of the 1st submittal of as-built of channel improvements were completed on 1/24/18. Awaiting resubmittal.	

RESERVE ON HIGGINS CREEK PHASE 4 & RUSSELL ST. BOX CULVERTS	PROJECT #: 2016-21 & 2016-30
<p>Phase 4 of the Reserve located East of Ward Avenue, South of Pintlar Ave, and North of the South development boundary. Dual 3' x 7' concrete box culverts at undefined creek drainage for Russell Street extension.</p>	
<p>Lots adjacent to the unnamed drainage channel currently under review by FEMA shall not be platted/developed until the proposed LOMR is approved. Repairs to the areas of settlement within sections of Beartooth Loop were completed in early May. City staff inspected the street lighting and will provide a punchlist of repair items to the Developer by 6/1.</p> <p>Construction of the Box Culvert is complete, including guardrail. Still awaiting CCR/as-builts after LOMR is approved. The 2nd submittal for the LOMR is scheduled to be resubmitted to FEMA the week of 4/30-5/4.</p>	
FALSE BOTTOM ADDITION (LOTS 1 & 2 - BLOCK 1)	PROJECT #: 2016-19
<p>Commercial lot development for Legacy Enterprises (Lot 2) and Rec Station (Lot 1). South of Colorado Boulevard, West of False Bottom Creek.</p>	
<p>Legacy Enterprises building is complete and a Certificate of Occupancy issued. Disturbed areas still need to be reseeded to complete the project.</p>	