



**ENGINEERING DEPARTMENT - PROJECT PROGRESS UPDATE
JANUARY 26, 2018**

CITY PROJECTS:

CITY HALL IMPROVEMENTS	PROJECT #: 2018-11
Drainage improvements, ADA sidewalk repairs, water service replacement and patching/overlay to parking lot, irrigation system rehab, library outdoor area	
Budgeted for design and construction in 2018. The design proposal from FMG Engineering is due on 2/7/18 for staff review and to Public Works Committee on 2/13/18. FMG attended a site visit on 1/24/18.	
SPEARFISH CREEK FLOODPLAIN STUDY – PHASE II	PROJECT #: 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.	
The City sent AE2S signed contract on 1/9/18. Work should commence in late January/early February.	
CITY STANDARDS & SPECIFICATIONS	PROJECT #: 2018-09
New goal is to have the standards and specs completed and incorporated by end of 2018.	
City staff is currently performing a broad overview on the Standards to get familiarized again and will have a meeting with HDR on 2/15/18 to plan/prepare a project schedule.	
2018 MAITLAND ROAD 12" WATER MAIN PROJECT	PROJECT #: 2018-08
Installation of a new 12" water main along the west side of Maitland Road. This project is identified within the City's Water Master Plan and will provide a loop by connecting to existing 12" main along the south side of Colorado Blvd and to an existing 6" approximately 1300' south within the old McLaughlin Saw Mill property the City purchased. AE2S was selected to complete the design.	
AE2S provided the City a preliminary layout of the water main on 12/21/17 for review. The City needs more information on depth of sewer services of the two homes adjacent to the proposed alignment to ensure change from septic to City sewer is feasible. Comments due back by 2/2/18.	
SANDSTONE PARK RECREATION PATH EXTENSION	PROJECT #: 2018-05
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.	
Engineering Dept. has completed the topographical survey and began design of project. Target completion of design plans is end of February. Looking to set tentative bid opening on 3/12/18.	
OLD TOWN SANITARY SEWER TRUNKLINE EXT PH3	PROJECT #: 2018-04
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" transit water main will also be replaced on State Street from Hudson to Dakota. HDR Engineering is designing the project.	
Plans are now available for prospective bidders to pick up. Pre-bid meeting set for 1/30/18 at 1:30pm. Bid letting set for 2/5/17. Construction in spring 2018.	

JACKSON BLVD IMPROVEMENTS PROJECT	PROJECT #: 2018-01
Water, sewer, storm drainage, and street improvements from Exit 12 to University Street. Improvements include raised medians w/ landscaping, controlled access (right-in right-out), one lane each direction w/ turn lanes at intersections, bike lanes from University Street to 5th Street, street side parking from 5th Street to Exit 12, and a roundabout at Ames Street.	
Project Team met on 1/23 and reviewed possible 4-lane sections for Jackson. Meetings are being set up to review the team recommendations with Council in the next 1-2 weeks. Phasing and bid letting TBD.	
HUNGRY HOLLOW MITIGATION GRANT WORK	PROJECT #: 2017-28
Preparation of work required to apply for State/Federal Mitigation Grant. FEMA provides HMGP grants to states that, in turn, provide sub-grants to local governments for mitigation activities such as planning and the implementation of projects identified through the evaluation of natural hazards. If selected, there are funds of up to ~ \$1.3 million with 75/25 cost share.	
The grant application package was submitted to state and reviewed for consideration to the State Hazard Mitigation Team. The City was notified on 11/10/17 that our project was not selected for funding but has been sent into FEMA for consideration of others federal grant funds. The City will be notified in February or March 2018 if this project is selected.	
WOODSTAVE PENSTOCKS REPLACEMENT	PROJECT #: 2017-01
Replacement of two-36" redwood stave penstocks from Forbay to the Standpipes (Mountain Plains Subdivision) with one 48" HDPE pipe. Design consultant is WW Wheeler & Assoc. This replacement is a requirement of the Federal Energy Regulatory Commission-FERC. Construction is ~\$730K and design/project management is ~\$150K.	
The project is substantially complete. The contractor (RCS) is scheduled to complete the concrete reinforcement walls at Forebay by 1/30/18 to finalize construction. The final pay request and under/over change order will then need to be completed. The City and WW Wheeler will then compile and submit the Final Inspection Report to FERC by 2/28/18.	
COLORADO BLVD 12" WATER MAIN (EXIT 14)	PROJECT #: 2016-01
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 & gutter, and add new sidewalk.	
Construction is substantially complete. All that remains is the surface finish on the retaining wall, touch up work on the hand railing, and touch up the shaping & seeding at the 1 st Avenue and 27 th Street intersection.	
2017 BRIDGE INSPECTIONS REPORT	PROJECT #: N/A
Bi-annual report required by SDDOT. 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 SDDOT Bridge Improvement Grant (BIG) funding.	
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 1/9/18 to coordinate needed minor work to be completed in house and major work to Capital Projects/SDDOT BIG program.	

SD DOT PROJECTS:

ACORN RIDGE ROAD BRIDGE REPLACEMENT	PROJECT #: 2018-02
Located 1/4 mile east of St. Onge Road intersection (Exit 17). SDDOT 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.	
Design Plans are ready and scheduled for bid letting in January 2018, with construction starting in the Spring of 2018. The City Water & Sewer Department still need to abandon a portion of an existing waterline that will conflict with the construction of the new box culvert.	

SDDOT EXIT 14 IMPROVEMENTS	PROJECT #: 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.	
Electrical work for the signals and lighting continue. All other construction is shut down until spring. The overall completion date for this project is June 1, 2018.	

PRIVATE DEVELOPMENTS:

BROOKS LOOP EXTENSION - PHASE 3B	PROJECT #: 2018-07
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.	
The 1st submittal was received on 1/12/18. City comments are due ~2/2/18.	
MCDONALDS RECONSTRUCTION	PROJECT #: 2018-06
Complete Replacement and site reconstruction. At current location, southeast corner of Ryan Road and N. Main St.	
The City's comments on the 1st submittal were completed on 1/16/18. Awaiting 2 nd submittal.	
GREEN ACRES TRACT B-1 LOT DEVELOPMENT	PROJECT #: 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).	
MILLER CREEK PUB @ ELKHORN RIDGE GOLF COURSE	PROJECT #: 2017-27
Located West of the Clubhouse and North of Miller Creek	
The 2nd submittal was received on 1/18. City comments are due ~2/8/18. The Building Department has no further comments and is only awaiting submittal of the fire suppression plans.	
LOT 3 BLOCK 1 HERITAGE ADDITION	PROJECT #: 2017-26
Located West of Heritage Drive and South of Auto Doctor. Lot Grading and Construction of retaining wall.	
The 3rd submittal was received on 1/12/18. The City approved plans on 1/25/18. City ROW and grading permits are required prior to commencement of construction.	
PLATINUM DRIVE LOT 5 BANK & STARBUCKS	PROJECT #: 2017-25
Located on the North side of Platinum Drive and West of 27th Street. Lot 5 of Stone Ridge Commons.	
The plans were approved on 11/27/17. Construction start date not yet set.	
JAKE'S BODY SHOP	PROJECT #: 2017-24
Located South of Colorado Blvd, east of Maitland Rd Campground, and West of the Carpet Outlet Store.	
The 3rd Submittal was received on 1/16/18. City comments are due ~2/6/18. The water tap cost recapture fee needs to be paid by owner prior to construction. The sewer system maintenance/ownership agreement needs to be finalized prior to construction.	
SPRING CREEK RANCH SANITARY SEWER	PROJECT #: 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. Construction is scheduled to begin in the Spring 2018.	
CLEAR SPRING APARTMENTS - LOT 1R-BLK4	PROJECT #: 2017-22
Located on the southwest corner of Tumbleweed Trail & Clear Springs Rd. In the McGuigan Ranch Addition.	
The 2nd submittal review was completed on 10/18. Preliminary floodplain documents were sent on 12/11/17 for review. They were sent back due to several discrepancies. Awaiting resubmittal.	

BROOKS LOOP EXTENSION - PHASE 3A	PROJECT #: 2017-20
Extension of Brooks Loop to the West of Luke Court intersection. (Residential Lots)	
Installation of both the sewer line and the water line are complete. Installation of the storm sewer will follow. Completion is scheduled for the spring/summer 2018.	
FORGEY SITE - INDUSTRIAL PARK	PROJECT #: 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.	
CHRISTENSEN DR. APARTMENTS	PROJECT #: 2017-17
Located on the West side of Christensen Drive and North of the Campground entrance.	
The civil/site plans were approved on 12/05/17. The construction start date has not been set.	
KNECHT'S HOME CENTER	PROJECT #: 2017-16
New construction of commercial building. Southeast corner of 27th St and 4th Avenue	
Plans approved on 12/28/17. Framing the new building is ongoing. Construction will likely continue through the Fall 2018.	
NEWMAN CENTER-BHSU	PROJECT #: 2017-15
New building for Catholic club made up of interested BHSU students & faculty. Northwest Corner of University Street and King Street	
Under construction. Anticipated completion is in the Fall of 2018.	
MAIN AND JACKSON BUILDING	PROJECT #: 2017-11
New commercial building. Southwest Corner of Main and Jackson	
The building shell is substantially complete. Interior building permits have now been issued for the brewery, VIP Properties and the restaurant. The brewery obtained a Certificate of Occupancy on 1/25/18 and will open on 1/29/18.	
EVANS ADDITION - BLOCKS 7 & 8	PROJECT #: 2017-07
Located East of Evans Lane, West of Spearfish Creek, South of Custer Street, and North of Nellie St.	
Review of the 3rd submittal was completed on 12/29/17. Awaiting 4th submittal	
PONDEROSA APARTMENTS & PARKING LOT IMPROVEMENTS	PROJECT #: 2017-06
Located on the East side of 10th Street between Michigan and Nevada. Rehabbing buildings and parking lot/drainage.	
Under construction	
TOP SHELF DEVELOPMENT - MCGUIGAN RANCH PHASE 4	PROJECT #: 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 1/22/18 and punch list items were provided on 1/23/18. Punch list items are minimal so City staff will place the Developer's bonding request for outstanding items to be completed (sidewalk, top lift of asphalt, etc.) on the 1/30/18 Public Works meeting agenda. If approved, final platting may begin. CCR/as-builts City comments completed on 1/22/18.	
SEATON CIRCLE INDUSTRIAL PARK (LOTS 4B & 5B - BLK1)	PROJECT #: 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.	
VILLAGES AT CREEKSIDE & DETENTION FACILITY	PROJECT #'S: 2016-27 & 2017-29
Commercial lot development located north of Creekside Apartments, west of North Avenue, south of Old Hwy 14. Private detention facility that will be service Lots 5-7.	
Final walkthrough completed on 12/20/17. The outlet structure is completed. Awaiting submittal of the CCR & as-builts to the City for review/approval prior to dedication of Public Improvements.	

LOTS 1-3 OF TRACT A FAIRWAY ADDITION	PROJECT #: 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	PROJECT #: 2016-21
Phase 4 of the Reserve located East of Ward Avenue, South of Pintlar Ave, and North of the South development boundary.	
Phase 4A (Russell Street) is complete w/ minor punch list items & public improvements have been dedicated to the City as of 10/16/17. Phase 4B (Beartooth Loop) is nearly complete. The final walkthrough was completed on 1/8/18. Punch list items to be completed ~1/26. Punch list items, CCR, & As-Builts all need to be completed and approved by City prior to dedication of public improvements. Lots adjacent to the unnamed drainage channel currently under review by FEMA shall not be platted/developed until the proposed LOMR is approved. The CCR & As-Builts review comments were completed on 1/22/18. Awaiting resubmittal.	
FALSE BOTTOM ADDITION (LOTS 1 & 2 - BLOCK 1)	PROJECT #: 2016-19
Commercial lot development for Legacy Enterprises (Lot 2) and Rec Station (Lot 1). South of Colorado Boulevard, West of False Bottom Creek.	
Legacy Enterprises building is complete and a Certificate of Occupancy issued. Rec Station construction is ongoing with the building shell nearly complete and asphalt paving of the parking lot complete. The site detention facility is constructed as well. As-builts/CCR for detention pond need to be completed and approved prior to Certificate of Occupancy. Failing compaction tests on the detention pond need to be addressed prior to Certificate of Occupancy.	