



**ENGINEERING DEPARTMENT BI-WEEKLY PROJECT PROGRESS UPDATE
DECEMBER 14, 2017**

CITY PROJECTS:

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 Department to begin design of project after completion of in February 2018.	
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.	
HDR is working on the design. 95% plans to City around end of December for review. Bid letting at end of Jan/early Feb 2018. Construction in 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.	
The City and its consultants hosted 2 public meetings on 12/7. Public comments have been compiled and will be presented to Council Members and the Mayor for review and consideration. Preliminary design work will begin once Council has directed staff to move forward with the current concept plan or provides direction on alterations to the layout. Phase 1 bid letting tentatively planned for June/July 2018 with construction from Sept 2018- Dec 2019, Phase 2 construction in 2019-20.	
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 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 Feb-Mar '18 if this project is selected.	
10TH STREET ADA REPAIRS	PROJECT #: 2017-14
Updating curb ramps to ADA compliance from Jackson Boulevard to North Avenue. Street Department Project.	
Under Construction – One curb ramp replacement remains. The project should be completed and closed out prior to the end of the year.	
CITY HALL IMPROVEMENTS	PROJECT #: 2017-10
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 review of the Request for Proposal (RFP) is scheduled to be completed by 12/17/17 and sent out to FMG Engineering the following week for	

a design cost proposal.	
SPEARFISH CREEK FLOODPLAIN STUDY	PROJECT #: 2017-09
AE2S floodplain study of Spearfish Creek from Exit 10 to Spearfish Canyon using lower flow of ~4800 cfs (currently modeled with ~7200 cfs). Budgeted in 2017 and 2018.	
Both the City and the County have approved the Phase 2 AE2S proposal. Contract documents are in the process of getting signed and returned to AE2S. Work on the project is scheduled to start after the beginning of the new year 2018.	
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.	
Installation of the electrical and propane lines should be complete by 12/15. Tie-in at Forebay is complete and the tie-in at the Standpipes should be complete by 12/20. RCS to provide updated schedule for remaining items to be completed.	
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 of the waterline along Colorado Boulevard was completed in 2016. The curb, gutter, and sidewalk on 1st Avenue are complete. The retaining wall and sidewalk at the 27 th Street intersection are complete, minus the handrail. The seeding is scheduled to be completed the week of 11/27/17. The riprap on the north side of Colorado Boulevard, at the Heritage Drive storm sewer outlet is completed. The surface finish on the retaining wall will be completed next spring, or when the weather permits. Change order 4 to go in front of Council for approval at year end meeting.	
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 findings are being reviewed.	

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.	
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. Construction started in the spring of 2016. Construction on I-90 is substantially complete. Construction on Colorado Boulevard is substantially complete. Construction on 27th Street South of Colorado Boulevard is substantially complete. Concrete paving at the intersection of 1st Avenue and 27th Street is substantially complete. Concrete paving on southbound 27 th St is substantially complete and the portions on and south of the bridge are scheduled to open to traffic on 12/14/17. Work continues on the center turn lanes north and south of the bridge, curb, gutter, raised medians, sidewalk, signals, and lighting. The substantial completion date for this project was November 9, 2017. The overall completion date for this project is June 1, 2018.	

PRIVATE DEVELOPMENTS:

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.	
Preliminary meetings with owner Ron Sneesby. Grading permit was issued on 12/5/17 for site grading only. City is awaiting plans for review.	
MILLER CREEK PUB @ ELKHORN RIDGE GOLF COURSE	PROJECT #: 2017-27
Located West of the Clubhouse and North of Miller Creek	
The 1st submittal was received by the City on 11/21/17. Comments are due ~12/15/17.	
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 2nd submittal review was completed on 11/3. Awaiting the 3rd submittal for final review/approval.	
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 civil/site plans were approved on 11/27. 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 City completed comments on the 1st submittal on 11/21/17. The City received the 2nd submittal on 12/14/17. Comments are due ~1/5/18. Water tap cost recapture fee needs to be paid by owner 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 now approved. Owner will wait until Spring 2018 to begin construction.	
BROOKS LOOP PHASE 2	PROJECT #: 2017-20
Extension of Brooks Loop to the West of Luke Court intersection. (Residential Lots)	
Plans are now approved. SWS started construction of the Sewer in the first part of December. 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.	
DUKE PARKWAY MEDIANS	PROJECT #: 2017-18
Located at Exit 17 at the entrance to the Elkhorn Ridge Development	
Installation of the new curb and gutter was completed in November. Landscaping remains.	
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	
Grading operations and foundation construction have begun. Construction will continue into 2018. The review of the 3rd submittal with the drainage report revisions was completed on 12/11/17. Awaiting copies of plans, specs, and report for final approval.	
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	
Under construction. Anticipated completion of building shell is the end of December 2017. Interior building improvements from tenants to begin thereafter. The City Council approved the request from the developer for the City to pay for concrete retaining wall and railing cost at 12/4 meeting. This will make it easier for the designers of the Jackson Boulevard project to maximize the use of the right-of-way without wasting space and will also minimize any rework in this area.	
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.	
The 3rd submittal was received by the City on 11/27/17. Review comments are due ~12/18/17.	
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)	
Under construction. The bottom lift of asphalt paving is complete. The top lift of asphalt paving will be completed in 2018. Work will continue, weather depending, on the dry utilities and drainage overflow.	
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.	
Under construction. Utilities are completed. Curb, gutter, and asphalt paving are complete. Work continues on the street lighting, dry utilities, sidewalk, driveway approaches, and the detention pond outlet structure. 2nd submittal with the drainage report and grading plan revisions resubmitted on 12/8. Comments are due ~12/29/17. A maintenance/ownership agreement will need to be provided and recorded at the County prior to final approval.	
LOTS 1-3 OF TRACT A FAIRWAY ADDITION	PROJECT #: 2016-22
Utility services extensions, grading, and subdivision of southwestern most lots along Canyon Gate.	
Under construction. Need as-built of channel improvements prior to Certificate of Occupancy (CO) being issued. Emailed the designer a reminder on 12/13.	
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. Asphalt paving was completed on 11/12. Work is nearing completion on the dry utilities, street lighting and sidewalk. Invoices for 12" & 8" waterline costs were submitted to staff on 11/15. Reimbursement Costs for upsizes were completed on 12/13 & sent to the Ward Development Group for review.	

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 substantially complete. Rec Station plans under review-awaiting resubmittal. Construction has begun, the building shell is nearly complete, and asphalt paving is complete. The site detention facility is constructed as well. As-builts/CCR for detention pond prior to Certificate of Occupancy. Failing compaction tests to be addressed.	