

Engineer's Report

Date: August 15th, 2016
Re: Current Project Status
Harrisburg, South Dakota

To: Mayor and City Council
From: Stockwell Engineers, Inc.

Project: *Comprehensive Master Drainage Plan*

Description: Prepare drainage analysis for basins "Tiger", "Coyote" and "Honey Suckle".

Progress Report: LEGENDARY ESTATES BASIN – Stockwell Engineers has completed our analysis and drainage study that outlines the issues and presents the Hydrologic and Hydraulic model. Recommendations for moving forward are summarized and included in the report. A copy of the drainage study has been forwarded to City Staff and the City Attorney. The developer has received a stop work order. Stockwell will meet with the developer, and City staff and attorney as necessary to resolve pending issues.

TIGER BASIN – The resolution of necessity has been completed along with the assessment roll for the Devitt Farms Regional Detention Facility. They are currently working on an agreement with the developer.

COYOTE/HONEYSUCKLE: Existing conditions model developed.

Project: *Water Tower*

Description: This project is to paint the existing water tower in the Industrial Park. Maguire Iron Inc. was awarded the project. Work is expected to occur this summer.

Progress Report: The contractor is relocating the antennas on the tower so they can start sand blasting in Late August/ September. The contractor cannot begin construction until the water usage has dropped below 450,000 gallons per day. We are currently at about 600,000 gallons per day. The completion date for the project is October 31, 2016.

Project: *Central Park – Phase 1*

Description: The city is proposing improvements to Central Park over the course of several years. A master plan has been developed along with conceptual plans for construction. Phase 1 of construction includes general grading and is expected to be complete during the 2016 season.

Progress Report: The overall grading plan for the park area has been completed as well as the drainage analysis. It has been decided that this project will be delayed until 2017. Construction plans will be completed at that time.

Project: *Harvest Acres Addition Street Improvements*

Description: The project includes street repairs in Harvest Acres Addition south of Walnut Street. Two streets in Greyhawk Addition have been added to the project; Greyhawk Court and Linden Avenue from Ash Grove Street south.

Progress Report: The Contractor completed seeding without weed control. Will prep topsoil and reseed all disturbed areas within next seeding window in September. Once complete, final payment will be issued to the contractor and the project will be closed out.

Project: *Wastewater Treatment Facility Upgrade*

Description: The project includes Assisting with land acquisition for a future wastewater treatment facility.

Progress Report: Three land owners have expressed interest in the possibility of selling land for the utilization of an expanded treatment system for Harrisburg. Very soon we will enter into a 6-12 month option agreement contingent upon our due diligence. Each parcel will have varying concerns that will be identified early in the process to ensure the site is worthy of the proposed use. Wastewater Treatment Facility consideration will include but not limited to, sequencing batch reactor (SBR), extended aeration (oxidation ditch), traditional treatment and pumping to Sioux Falls.

Review options for Wastewater Treatment Facility and discuss apply to state water plan.

Project: *SD Highway 115 Water Main Project*

Description: This project consists of design, preparation of plans, and providing construction administration for water main improvements on SD highway 115 272nd Street to Willow Street. Construction is expected to occur during the 2017 construction season.

Progress Report: Plans are complete and were submitted to the DOT for review. Copies of the plans were also delivered and reviewed with city staff. Revisions to the plans will be made as comments are received. The project is expected to be bid this winter. Negotiations are still ongoing regarding the agreement with North Lincoln County Rural Water.

Project: *Columbia Street Improvements*

Description: This project includes street and utility improvements along Columbia Street north of Willow. The future Columbia Street will provide access to central park and adjacent property to the west.

Progress Report: Design work on Columbia Street will resume this fall. Construction documents will be presented to city staff for review toward the end of November.

Project: *Devitt Regional Detention Facility*

Description: A regional detention facility is being planned on the Devitt property near the intersection of Columbia and Willow Street to improve drainage in the area. The facility is expected to be constructed this summer.

Progress Report: Preliminary plans regarding the detention facility and Devitt's property are now finalized. Final design work on the detention facility can proceed.

Action: An agreement to develop final construction documents related to the detention facility will be presented to the council for consideration.

Project: *Willow Recreational Trail*

Description: A recreational trail is planned to be constructed along the north side of Willow Street from Minnesota Avenue to Prairie Avenue. State grants were awarded toward the project which is expected to be constructed during the 2017 construction season.

Progress Report: Construction drawings are pending updates by HRGreen. Contracts for Stockwell staff to assist with ROW negotiations are in place. Stockwell staff will begin coordinating meetings with the adjacent property owners once design work is finalized.

Project: *Miscellaneous Plan Reviews*

Description: Stockwell provides miscellaneous plan reviews as part of the force account agreement with the city. Typical reviews include plans for subdivisions, plats, and site plans.

Progress Report: Recent reviews include building permits in the Legendary Estates Addition, a plat in the Greyhawk addition and review meetings for the Kolb Addition.

Project: *Coyote Lift Station*

Description: With the Muth property expected to develop in the near future, upgrades to the Coyote lift station will be necessary to support the additional sewer needs. This project includes upgrading the lift stations power supply and pumping capacities.

Progress Report: This project is currently on hold due to changes in the developer's schedule. Once a preliminary plan has been submitted for the Muth property, design work on this project will resume.

Project: *2016 Seal Course*

Description: This project includes chip sealing and fog sealing various streets throughout town. The construction contract was awarded to Asphalt Surfacing Company. Work is expected to occur this summer.

Progress Report: Contracts are in place. A notice to proceed will be issued to the contractor.

Project: Pick Property Site Restoration

Description: This project involves the rehabilitation of the existing city well located on the Irma Pick Property

Progress Report: Temporary Construction Access Easements for the project are also in the process of being determined. This project is past the award date and will be rebid unless the apparent low bidder would still like to continue with the project.

Project: South Cliff Drainage Improvements

Description: This project involves the rehabilitation of the existing city well located on the Irma Pick Property

Progress Report: The recommendation of award to the low bidder First Rate Excavate is waiting Council approval.

Project: Tiger Street Water Main Improvements

Description: This project involves the rehabilitation of the existing city well located on the Irma Pick Property

Progress Report: The recommendation of award to the low bidder H&W Contracting is waiting Council approval.

Project: Capital Improvement

Description: This project involves the rehabilitation of the existing city well located on the Irma Pick Property

Progress Report: We have been working with Mary and Andrew to update the Capital Improvements Plan and made updates for the proposed 2017 budget.

Note: Monthly staff meetings are being scheduled with the city's Public Works Department to discuss upcoming projects. Meetings will be held at Stockwell's office.