

Engineer's Report

Date: April , 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 met with Kelly Neilson regarding the drainage issues at Legendary Estates. We asked for him to assist the City with improvements, including participating in some of the costs or work necessary for improvements to Block 10. Kelly is not interested in participating outside of the \$15,000 he has previously offered up. Letters went out to affected property owners in the area to inform them of whether or not their property would be affected. The 100-year elevation along with the emergency overtopping elevations have been determined. Stockwell is preparing a chronological order of events that have taken place throughout the development process. Progress is ongoing.

TIGER BASIN – Stockwell has been working with the developer and their representative to develop a concept plan that incorporates the regional detention facility. A concept plan has been submitted, and discussed. The developer's engineer is working on revisions to the concept plan.

A survey of the Furniture Barn Addition has confirmed that detention that was planned in an approved site plan in 2012 was not constructed as shown. A letter to the property owners has been issued notifying the property owners that they will be added to the assessment if the site does not comply with the approved plan.

COYOTE/HONEYSUCKLE: Existing conditions model developed.

Project: Water Tower

Description: This project is to paint the existing water tower in the Industrial Park.

Progress Report: All contracts have been fully executed. Shop drawings have been submitted and approved. Prior to work commencing, a preconstruction meeting will be conducted. Maguire Iron Inc. stated that the project will most likely be completed in the late summer. The project deadline remains to be October 31, 2016.

Project: Update Design Standards

Description: Review and update the current design standards and subdivision regulations.

Progress Report: A final review of design standards and subdivision regulations is complete. Final documents will be forwarded to city staff for adoption.

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: Capital Improvements Plan

Description: This project includes evaluating the current infrastructure, making recommendations for improvements and assisting in the development of a capital improvements plan.

Progress Report: All comments have been received. Stockwell staff will issue final copies in the coming week.

Project: Harvest Acres Addition Street Improvements

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

Progress Report: All utility's and paving have been completed for Schedule A and B. All that remains is some soil preparation, seeding, fertilizing and mulching which will be completed next spring when weather permits. As-Builds are complete and will be provided to the City.

Project: Wastewater Treatment Facility Upgrade

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

Progress Report: Two land owners have expressed interest in the possibility of selling land for the utilization of an expanded treatment system for Harrisburg. This process has been slow since the one of the land owners is a farmer in the area and wanted to be done with the harvest and fall field work prior to sitting down with City staff. Now that the weather has changed, I anticipate the discussion to continue.

Once we have two or preferably three parcels to pursue, we would proceed with a purchase agreement contingent upon 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.

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.

Progress Report: Design of the two miles of water main is ongoing. Lincoln County Rural Water provided us with the sizes and locations of their services which the City of Harrisburg will be taking over or connecting to the new water main between 271st and 273rd Streets. In addition to the water main improvements, we are designing five sanitary sewer crossings of Highway 115 in City of Harrisburg growth areas. LCRW wants to combine the plans into one set with a Schedule A and a Schedule B differentiating between LCRW's portion of the project and the City of Harrisburg's portion of the project. LCRW portion of the plans will include the connection of the water main to existing distribution systems at the north end of the project. Any additional improvements that the City of Harrisburg wants to add to the project, including the sanitary crossings, will be incorporated into the joint plan set with LCRW but will not be eligible for reimbursement from the DOT.

Lincoln County Rural Water has submitted the agreement between the City of Harrisburg and LCRW to allow for DOT funding to be utilized for the Harrisburg portion of the project. Stockwell Engineers and the City of Harrisburg will be negotiating with LCRW on the specifics of the agreement. It is anticipated that an agreement will be made between all parties in the coming week. Construction plans are to be to the DOT for review by April 21, 2016.

Action Needed: – Council to authorize staff to negotiate 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 agreements are in place. Field work and preliminary design are underway. Preliminary drawings are expected next week for city staff to review.

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: A preliminary plan is being developed by Van Buskirk companies for the city to review. Once received, Stockwell staff will provide comments and discussion regarding the construction of the detention facility will occur.

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.

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 DEP's in the Greyhawk Addition. Final plans were approved by Stockwell staff and forwarded to the city. Other reviews include a concept plan review for the Apple Orchard, Lems, Merkle, Thornton and Vinson Additions.

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.

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