

Engineer's Report

Date: December 7th , 2015
 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 – The hydraulic model prepared indicates that the flooding problem stems from water backing up in the system. We are working on developing an improvement plan that will allow for water to enter the ROW prior to entering homes between Perry Lane and Adrianna Ave.

TIGER BASIN – Stockwell has met with representatives from the Harrisburg school district, Concrete Materials, Showplace Wood Products, and the Devitt brothers regarding the proposed plan to construct a regional detention facility on the Devitt property. The proposed project was well received by all property owners that we spoke with. Stockwell will continue to meet with property owners that will be affected by the project individually to discuss the cost recovery analysis.

COYOTE / HONEYSUCKLE BASIN – Existing conditions model developed and presented to City Staff.

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. A preconstruction meeting will be conducted prior to Maguire Iron commencing work.

Project: Update Design Standards

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

Progress Report: Stockwell has submitted the final draft of the subdivision regulations to city staff. The design standards are being finalized and will be reviewed over the next couple weeks.

Project: Central Park – Phase 1

Description: The project includes the development of a concept plan for the park and design and construction of a grading and erosion control package.

Progress Report: Final concept was presented to the City Council and Planning Commission on November 19 and was well received. Next step is to now finish the grading package and work with the City to determine when the grading package will be constructed.

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: Cost estimates and project priorities have been discussed with city staff. Funding scenarios and recommendations are being developed and will be presented in the coming weeks.

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: For Schedule A, which includes work in Harvest Acres (Columbia Street, Prairie Street, Tiger Street and Prairie Circle), all curb and gutter and asphalt patching is complete and final overlay over all the streets have been completed as well. Only minor punchlist items remain. For Schedule B, all water and sanitary sewer utilities have been installed and tested. All street grading, concrete curb and gutter, gravel installation and asphalt base course has been completed as well. Additional work at the City shop and parking lot at the City Park have also been completed as part of a contract change order. A final inspection will take place on the project later this week. 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.

Action Needed: Change Order #2 for a **deduct of \$3,441.29** for as-builts
Pay Application #3 for the amount of **\$41,883.17**

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: Acquiring topographic survey information from SDDOT. This information will be utilized for the background of the construction documents. The construction documents will be prepared in compliance with SDDOT format and will be bid in conjunction with their bid letting process. The estimated bid date is June or July of 2016 with construction to be completed by year end 2017.