

## Comprehensive Master Drainage Plan

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

**Update** | LEGENDARY ESTATES BASIN – Stockwell Engineers has completed our analysis and written report that outlines the issues and presents the Hydrologic and Hydraulic model. Stockwell, City staff and City attorney continue to work through the pending issues with the developer.

DEVITT FARMS BASIN – Stockwell Engineers has completed our analysis and written report that includes the area draining to the proposed regional detention facility. We have approved development engineering plan and H&H analysis provided by the developer.

COYOTE/HONEYSUCKLE: Existing conditions model developed.

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## Water Tower

This project is to paint the existing water tower in the Industrial Park. Maguire Iron Inc. was awarded the project.

**Update** | The Repairs and painting are completed. Over the next two – three weeks the antenna's will be reinstalled.

**Action Needed** | Pay Application #1 - \$143,800.38

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## Central Park – Phase 1

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.

**Update** | The overall grading plan for the park area has been completed as well as the drainage analysis. This project is currently on hold.

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## Harvest Acres Addition Street Improvements

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.

**Action Needed** | Pay Application #4 & Final – \$2431.00

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## Wastewater Treatment Facility Upgrade

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

**Update** | The Facility Plan has been completed and application to the SWP submitted. Over the next two months Harrisburg needs to decide on one of the waterwater treatment alternatives. Wastewater Treatment Facility consideration will include but not limited to, sequencing batch reactor (SBR), extended aeration (oxidation ditch), submerged attach growth (SAGR) aero-mod sequox, partial pumping to SF and complete pumping to SF. An additional alternative "leechbustor" by Clark Engineering will be reviewed on a High level as requested by City Staff.

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## Devitt Regional Detention Facility

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.

**Update** | Final design work on the detention facility is proceeding. Plan Review in progress.

**Action Needed** | Authorization to Bid Project. Estimated construction cost \$500,031.00

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## Willow Recreation Trail

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.

**Update** | Stockwell reviewed the construction documents and provided comments to DOT staff. The DOT will make revisions over the next several weeks.

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## Force Account

Stockwell provides services to city staff as needed under a force account agreement. Services typically include plan reviews, cost estimates or other routine services as requested. Plan reviews include preliminary plans, conditional use requests, site plans, engineering documents and plats.

**Update** | Recent force account work includes the following: Devitt Construction Admin ▪ Legendary Estates Inspections ▪ Revisions to Subdivision Regulations ▪ Welter Addition Plat Review ▪ City Map Updates

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## South Cliff Avenue

The Project includes grading and valley gutter repairs to improve drainage at the south end of Cliff Avenue pavement.

**Update** | Project Complete

**Action Needed** | Pay Application #1 and Final - \$45,998.97, CCO #1- \$1,553.97

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# Engineer's Report | City of Harrisburg

November 7th, 2016

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## Tiger Street Water Main Looping

Extend water main across railroad tracks to improve water flow.

**Update** | Project Complete

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