



**Stormwater Committee
Committee Meeting Agenda
February 13, 2019
5:30 PM
Dielmann Meeting Room 1**

I. Call Meeting to Order

II. Roll Call

III. Approval of Agenda

IV. Approval of Minutes

1. Approval of December 12, 2018 Stormwater Committee Meeting Minutes

V. Comments from General Public

(Citizens are asked to limit comments to three minutes and to complete a speaker card)

There are no speakers scheduled for this meeting.

VI. New Business

A. Stormwater Regulation Revisions

Staff has learned that MSD updated its standards in 2018. The City's stormwater regulations reference MSD's 2006 standards, which were in effect when the City's regulations were updated in 2017. The City will need to update its regulations to reference the new MSD standard.

Referencing the new MSD standard should not impact how the City's regulations function, but this presents the City with an opportunity to make other improvements to the regulation. Staff will present its ideas for clarification of some portions of the regulation.

B. Creve Coeur Business Awards

Nominations for the annual Creve Coeur Business Awards are currently open. These awards recognize businesses and organizations in Creve Coeur in four categories: Heart of the Community, Most Innovative Business, Favorite Restaurant, and Green Business Award. Nominations will be accepted through the City's website until Friday, March 1. The Committee is encouraged to participate.

C. Stormwater Concerns

i. Erosion and Sink Holes (12958 Ferntop)

The residents at 12958 Ferntop Lane are concerned about erosion and sink holes that have formed around a stormwater culvert in their back yard. They have asked the City and the Stormwater Committee for help.

VII. Unfinished Business

A. Capital Improvement Plan

The City is currently reviewing the proposed updates to its five-year Capital Improvement Plan (CIP). Several projects on the CIP are related to stormwater:

- Middlebrook Culvert Replacement



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- Emerson Road (curbing, culvert replacement)
The CIP also includes a yet-to-be-defined stormwater project in FY2021.

i. FY2019-FY2020 - Middlebrook Culvert

Staff will update the Committee regarding the status of the Middlebrook Culvert Replacement Project. Staff met with residents from Middlebrook Lane in December, and the residents were receptive to the project. Easement discussions are currently still in progress.

ii. FY2021 - Master Plan Project

The CIP identifies funding for a project from the Stormwater Master Plan in fiscal year 2021 (i.e. July 1, 2020 - June 30, 2021). The highest-scoring project involving the City's infrastructure in the master plan was a project to correct erosion at a culvert outfall adjacent to New Ballas Road. Staff will discuss this project and other options for the Committee to consider.

B. Stormwater Projects Update

Staff will review the status of stormwater-related capital improvement projects with the Committee.

i. Middlebrook Culvert

Staff met with residents who live at the four properties adjacent to this culvert in December. Easement discussions for this project are on-going, but staff finds the outlook to be promising. Construction is still expected in the summer of 2019.

ii. Emerson Culvert

Preliminary plans have been completed to make numerous improvements to Emerson Road between De Smet Jesuit High School and Old Ballas Road. Staff will review these plans with the Committee. Among the improvements is the replacement of a culvert beneath Emerson that was once its own project in the Capital Improvement Plan.

iii. New System at Spoede and Ladue

The Metropolitan St. Louis Sewer District (MSD) has developed preliminary plans to replace the failed stormwater system on the north side of Ladue Road at Spoede Road. Staff will review their plans for this project with the Committee.

iv. Minor Stormwater Projects

Solutions to several localized issues are currently under review. Staff will review these with the Committee.

A. Alden Lane Drain

This project involves the replacement of a collapsed drain on the south side of Alden Lane. The collapse has not significantly impacted drainage, but staff recommends that the City replace this pipe and the adjacent drains.

B. Conway Park Swale

A drainage swale in Conway Park was constructed with grouted gabion rock, which has allowed erosion to occur beneath it. Staff recommends the demolition and partial reconstruction of this swale to limit further erosion.



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C. Chaminade Drain

Staff has had preliminary discussions with the owner of #2 Chaminade Drive, who plans to build a new home on this lot. A drainage easement will need to be relocated to accommodate the new home, and staff recommends that the City require that a stormwater easement remain along the edge of the property. Further, staff recommends that the City plan to add storm drains to both sides of Chaminade Drive adjacent to this easement to correct an on-going issue with ground water and stormwater runoff.

C. Floodplain Map Updates

The Federal Emergency Management Agency (FEMA) is currently revising the flood hazard maps, and these revisions will extend the regulatory floodplain upstream from their current termination for several creeks in Creve Coeur. Staff will review the impacts with the Committee.

VIII. Business from Committee Members

IX. Business from Staff Liaison

A. April Meeting

The next Stormwater Committee meeting is scheduled for 5:30 p.m. on Wednesday, April 10.

X. Adjournment