

**Meeting Minutes
Ladue Storm Water Advisory Committee
Monday March 12, 2020 8:00 a.m.**

Chairman Lloyd Palans called the meeting to order at 8:01 a.m.

The following members were present:

Lloyd Palans, Jim Adams, Maryann Rober, and Scott Solsvig

Also present

Councilmembers John Fox, Stacey Kamps and Bill Brennen; Mayor Nancy Spewak; Anne Lamitola, Public Works Director; Pete Merten, Storm Water Engineer; Mark Koester, Storm Water Engineer; and Lori Wrobel, Administrative Assistant

Members of the public present

Jack Anderson III, Jim Ferrick III, Molly Richardson, Liza Applegate, Log Cabin Lane

Adoption of the Agenda

Chairman Palans asked for a motion to approve and adopt the agenda; Mr. Adams made a motion to adopt. Ms. Rober seconded the motion. All present were in favor and the motion passed.

Approval of the December 5, 2019 meeting minutes

Chairman Palans asked for a motion to approve the minutes. Mr. Adams made a motion to approve the minutes; Ms. Rober seconded the motion. All present were in favor and the motion passed.

Small Project Storm Water Grant Program

Program update:

Storm Water Engineer Mark Kester reported that each week he receives 1-2 inquiries into the grant program. Eight applications have been filed for a total request of **\$115,047.38**.

In 2018 one grant was completed with a disbursement of **\$10,350.00**.

In 2019 three grants were completed with a total disbursement of **\$64,905.38**.

In 2020 one grant was submitted and was on today's agenda for the Committee's consideration of **\$7,617.50**.

There are two are inactive applications and one application that has been withdrawn.

A request that Ladue Storm Water Advisory Committee make a recommendation to the City Council for approval of a onetime increase in the Small Project Storm Water Grant reimbursement as a special case for storm water improvements to be constructed in the Log Cabin Drive Subdivision.

Residents of the Log Cabin Drive subdivision have requested that the Committee make a recommendation to the City Council for approval of a onetime increase in the Small Project Storm Water Grant reimbursement as a special case for storm water improvements in their subdivision. The storm water infrastructure issues in the Log Cabin Drive Neighborhood are documented in the Storm Water Management Program's Masterplan. The request is for 100%

reimbursement for the total project cost of **\$35,986.00**. The City's project for the neighborhood is many years away from being constructed. Residents of the subdivision shared their storm water concerns, namely safety and the ability for first responders to act. Chairman Palans explained the specifics of the grant program, and that this request does not meet the criteria or effectively achieve the goals of the program. He suggested the homeowners could share the cost of the project or frame it as multiple projects and possibly meet the grant criteria. He explained the principles for the City-wide scoring process, and that safety is a significant part of the scoring. Storm Water Engineer Pete Merten expressed that the conditions on Log Cabin Lane are prevalent through-out the City. Chairman Palins suggested the Log Cabin residents call MSD as storm water problems arise. He informed them that MSD covers a 500 square mile area and storm water remediation projects are complaint based. He encouraged them to share their safety concerns with MSD.

Application #190918-1: Rachel Holtzman, #57 Clermont Lane

Ms. Holtzman has fully executed a grant application requesting reimbursement in the amended amount of \$7,617.50. Public Works Committee recommends favorable consideration by the Committee of the application for **"acceptance with funding available"**. If approved by the Storm Water Advisory Committee, a funding request will be forwarded to the City Council for approval. Mr. Adams made a motion to approve the application for \$7,617.50. Ms. Rober seconded the motion. All present were in favor.

Proposed Ordinance: SINKHOLES AND KARST FEATURES ORDINANCE

Some areas of the City have a unique karst topography which is highly susceptible to solution weathering. As a result, sinkholes are common. Special consideration must be given to flood hazards and potential for groundwater contamination due to the presence of sinkholes and other features associated with karst geology. The proposed Ordinance sets forth requirements to provide specific criteria for design and construction for any site upon which sinkholes or other karst features are located. Public Works Committee recommends favorable consideration by the Storm Water Advisory Committee of the Ordinance and recommends that it be forwarded to City Council for approval.

Ms. Rober made a motion to approve the proposed Ordinance. Mr. Adams seconded the motion. All present were in favor.

MSD/Deer Creek OMCI Taxing Sub-district

Storm Water Engineer Mark Koester attended a meeting with MSD on February 12th, 2020 and presented an update to the Committee. Ladue is in the Deer Creek taxing sub-district, formally called OMCI or Operation, Maintenance, and Construction Improvement Funds. MSD has a proposed budget containing the reinstatement of the OMCI tax for the fiscal year beginning July 1, 2020.

If adopted, \$600,000 in storm water project funds would become available January 2021 for a 50/50 share. The City would be required to submit a letter of intent, information on the proposed projects and the Council would be required to enter into an intergovernmental agreement with the MSD Board of Trustees. Chairman Palans stated the first \$300,000 collected by MSD will be used to remedy water problems on Deer Creek thus helping the City. The second \$300,000, will be used for storm water issues at the City's discretion, after following the MSD requirements. The City must declare intent. Chairman Palans suggested consideration by City Council as an agenda item for the upcoming meeting.

Storm Water Management Program/2019 Five Year Implementation Program

Deerfield-Wakefield Stormwater Infrastructure Project (1601.01). City Council is currently working through some options for this project; more information will be shared as it becomes available.

Lindworth Lane Stormwater Infrastructure Project (1601.03).

Phase I: MSD/Lindworth Storm Sewer Separation Project (MSD #13510). This is a partnering project with MSD providing the City with a discharge outlet to Deer Creek for the Lindworth Lane Storm Water Infrastructure Project, the Litzsinger Lane-Tilles Park Storm Water Infrastructure Project, and, if needed, the Deerfield-Wakefield Storm water Infrastructure Project. For MSD, the project removes storm water from private inflow sources from the sanitary sewer system. The City provided MSD with detailed hydraulic modeling, and a refined preliminary horizontal and vertical alignment in January.

Subsequently, MSD has established the stand-alone project identified here. MSD will be fully responsible for project design, easement document production, and construction including bidding and construction management. The City will be responsible for easement acquisition.

MSD is estimating a construction cost of approximately \$2-million. We believe MSD will fully fund the whole project and ask the City for reimbursement of their share. MSD estimates the breakdown will be in the order of \$400,000 for the MSD portion and \$1,600,000 for Ladue's portion. The breakdown will be verified after the bids are taken. A Memorandum of Understanding (MOU) between MSD and the City will be drawn up with all details. MSD and the City will coordinate on the details of the MOU. The expenditure will need to be included in the City's budget planning for next year.

The schedule is contingent for construction in May 2021; but may be pushed to late summer 2021. Burns and McDonnell will remain as the designer and continue using data provided by The City. We will be included in MSD's design coordination process.

Phase II: Ladue/Lindworth Lane Storm Water Infrastructure Project (1601.03). The City will masterplan a project that "dovetail's" with MSD's Phase I extending further north in Lindworth Lane to alleviate flooding from two insufficient sinkholes. The City approached the subdivision with the possibility of their participation to cover costs for necessary street paving and curb & gutter which is estimated to be approximately \$350,000. The initial response by the subdivision trustees was positive but non-committal without more detail.

Babler Lane Storm Water Infrastructure Project (1602).

MSD was requiring additional work downstream to address creek erosion problems that would be exacerbated by the project's discharge. The design consultants conducted an in-depth hydraulic analysis with the goal of alleviating the projects downstream extension and a better understanding of hydraulic performance. Using those results, the City was successful in negotiating a compromise with MSD that eliminated their requirement to do additional work downstream. The outlet pipe diameter is reduced from 54-inches to 36-inches reducing flow, velocity and water surface elevation such that they are managed to near existing conditions.

The property owner at #10075 Litzsinger Road is indicating an unwillingness to provide vital easements at that property. As requested by the property owner, Public Works staked the pipe

alignment on the property. Discussions continue and an update will be provided at the next meeting.

South Tealbrook Drive Stormwater Infrastructure Project (1605).

The required four easements for the Project have been acquired; the design engineer has been given notice-to-proceed with final design, advancing the project to construction bidding. The current estimated timeline puts the bid process around June 1st and start of construction September 1st, 2020.

Willow Hill – Reroute Along Road Infrastructure Project (1614A).

MSD's review comments resulted in the need to revise the pipeline alignment and easement plats. The design engineer updated the plans and has subjected them to a constructability review. Efforts to obtain easements should re-commence in about two weeks. Easement acquisition will be conducted by O. R. Colan Associates, a firm with expertise in easement acquisition that should expedite the process.

Robin Hill Lane - McKnight Lane Bank Stabilization Project (1618).

The preparation of easement documents will be complete early next week followed by O. R. Colan Associates beginning acquisition. Ten are required.

Other Matters Deemed Appropriate

Chairman Palans asked the committee to share any ideas for meeting improvements with Storm Water Engineer, Pete Merten or himself.

The next meeting date will be May 14th, 2020.

Ms. Rober made a motion to adjourn the meeting, Mr. Adams seconded the motion. All voted "aye" in favor of adjourning. Meeting was adjourned at 9:30am.

Mr. Lloyd Palans, Chairman

Ladue Storm Water Advisory Committee