

Meeting Minutes
Ladue Storm Water Advisory Committee
Thursday, May 20, 2021, 8:00 am

**DUE TO THE RESTRICTIONS ORDERED BY ST. LOUIS COUNTY ON PUBLIC GATHERINGS
DUE TO COVID-19, THE MEETING WAS CONDUCTED BY VIDEOCONFERENCE VIA ZOOM**

Chairman Lloyd Palans called the meeting to order at 8:00 a.m.

The following members were present:

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

Also present:

Anne Lamitola, Public Works Director; Amanda Griffin and Mark Koester, Storm Water Engineers; and Lori Wrobel, Administrative Assistant

Members of the public:

Charles VanDyke, 714 S. Price Road

Approval and adoption of the agenda:

Mr. Mueller made a motion to adopt the agenda; seconded by Mr. Adams. All those present were in favor.

Approval of the minutes from the February 11, 2021 meeting:

Mr. Adams moved to approve the minutes as submitted; seconded by Ms. Rober. All those present were in favor.

Public Forum

Chairman Palans asked if any members of the public present would like to address the Committee at this time. No one came forward.

2020 SMP Budget

Ms. Griffin gave the update on City of Ladue Collector's Report from the most recent Collector's report for the Storm Water Fund Period Ending 3/31/2021:

- March 2021 activity is \$85,082.00 vs \$98,078.14 for March 2020; an unfavorable variance of \$12,996.14 or 13.25%.
- March 2021 Year To Date activity is \$267,201.17 vs \$348,625.63 for March 2020 Year To Date; an unfavorable variance of \$81,424.46 or 23.36%.

Storm Water Management Program/2019 Five Year Implementation Program

Ms. Griffin gave an update on the following:

Deerfield-Wakefield Stormwater Infrastructure Project (1601.01).

Phase 1 Geotechnical investigation, property and topographic survey work is complete.

A technical review of the retention basin concept has been completed by MSD. A report was submitted to MSD on December 14, 2020 and a review received from MSD on March 5, 2021. The City met with HR Green and MSD on March 16 to clarify requirements outlined by MSD review for incorporation into preliminary design.

Phase 1 preliminary design was submitted to MSD for approval on April 9. HR Green is currently addressing comments received from MSD on April 29. Preliminary design is necessary to secure easement requirements. The deadline to acquire an estimated twenty Phase 1 easements is November 24. Based on experience, acquisition could take up to six months to complete. Phase 1 construction could begin in July 2022 with completed and approved final design.

Willow Hill Stormwater Infrastructure Project (1614A).

Josiah Holst, Project Manager from HR Green, presented a detailed project update including an overview of the six-year preconstruction stages with construction scheduled to begin in 2023. Challenges include working around existing utilities and structures, gaining public support, working around regulations intended for new development and downstream impact.

The unique challenges for this project include topography, zero infrastructure in place, infiltration drainage, the complete lack of right-of-way and the necessity of absolute resident cooperation.

Three solutions were thoughtfully considered.

The plan includes a large, landscaped basin for storm water storage. Initially water will be collected and stored underground, and the above ground storage will only be used when necessary.

The project sent out a request for bid and six bids were submitted. The lowest and best bid was submitted by Bi-State Utilities Co. in the amount of \$1,985,302.50, well under the engineer's estimate (\$2.3M) and is within the 2021 budget for the Willow Hill Stormwater Infrastructure Project of \$2,265,153 and \$341,847 projected for Calendar Year 2022. \$18,934 will be expended in 2021 for the Stage B Design, \$255,116.20 is committed for construction engineering with HR Green which was approved in March 2021 under Resolution 2021-11, \$120,447 has been committed to Spire and MAWC for utility relocation, \$36,432 is allocated for tree removal and stump grinding. \$1,500 will be expended on utility staking for Spire, \$17,467 is allocated for landscape reimbursement for Ms. McDonald, and \$2,500 will be expended on a play structure relocation for the project.

The Metropolitan St. Louis Sewer District (MSD) has submitted an intergovernmental agreement to the City. The agreement establishes \$500,000 in financial assistance to the City as a reimbursement for the City's direct costs for construction of the Willow Hill Stormwater Infrastructure project.

The project schedule is:

- City Council approval/Notice-of-Award: Monday, May 17, 2021
- Pre-Construction meeting: Wednesday, May 19, 2021
- Construction Start: Tuesday, May 27, 2021

Current construction activity:

- Missouri American Water: water service line investigations (complete), #50 Willow Hill water service line replacement, water main facility relocation (complete)
- Spire: gas facility relocation (start on Wednesday, May 12, 2021)

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

Mr. Koester gave the following update:

Plans, specifications, and estimates were finalized. The project sent out a request for bids on March 1. Four bids were received on Thursday, April 15. The lowest and best bid was submitted by Gershenson Construction in the amount of \$1,430,000.00. The City worked with Gershenson Construction on the McKnight Road improvements in 2015.

The low bid amount is within the 2021 budget for the project of \$1,806,425, of which \$31,350 was expended in 2021 for the Stage B Design. Also, \$155,832.02 is committed for construction engineering with Intuition and Logic which was approved in March under Resolution 2021-10, and \$26,362 is allocated for landscape reimbursement. \$1,592,881 remains in the budget for construction. The remaining budget allows for approval of the construction contract in the amount of \$1,430,000.00 and establishment of a 5% construction contingency in the amount of \$71,500.00 to address any unforeseen circumstances. The engineer's estimate for construction was \$1,547,517. The City Council approved the Resolution 2021-18 on April 26. Notice to Proceed was sent to the contractor on May 11. The contractor has 360 days to complete the project. Activity will be getting started.

Pete McGowan, 3 Robin Hill, addressed the Committee asking for tight scheduling especially regarding the utility pole move. The request is for "over communication" regarding the project.

Small Project Storm Water Grant Program

Stormwater Engineer Mark Koester gave an update on the Grant Program. To date, 13 applications have been filed for a total request of \$196,601.88 and a total of \$117,577.38 in City funds have been disbursed under the program. In funding year 2021, \$100,000.00 is available for disbursement.

Application #210226-1: Cheryl Orlet #5 Buckhammon Place.

Ms. Cheryl Orlet has completed a grant application requesting reimbursement from the City of Ladue in the amount of \$21,913.50; By Ordinance the Public Works Director and the Committee must review the completed application together with the information submitted by the Property Owners. After Committee approval, the Director will notify the Property Owner of the eligibility of the proposed project as accepted with funding available; accepted with funding not available and placed on the wait-list or not eligible and denied.

The property has streambank erosion that is putting structures at risk. The scope of work includes retaining walls and rock revetment to stabilize the streambank. The work will be constructed in conjunction with a tear-down and rebuild.

The property was included in the SMP database as part of The Prado Storm Trunk Improvements (1613.01) Construction is not scheduled for the foreseeable future due to the project priority.

Public Works recommends favorable consideration by the Committee of the application for "acceptance with funding available".

If approved by the Committee, a funding request will be forwarded to the City Council for approval as the reimbursement amount is over \$7,500.00.

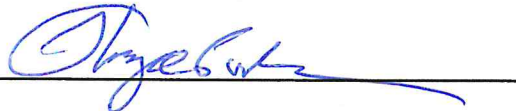
Mr. Adams moved to approve the grant application subject to approval by the city Council; seconded by Ms. Rober. All those present voted in favor.

MSD/Deer Creek OMCI Taxing Subdistrict

Mr. Koester provided an update on the OMCI projects. The Robin Hill/ McKnight Lane bank stabilization project was submitted to MSD for consideration through the OMCI program. Yearly reimbursement is approximately \$305,000 while the total project cost is about \$1.75 million. This project will span several years of the program. MSD notified the City of project approval. MSD will provide a draft program agreement and a prevailing wage affidavit. The MSD Board will adopt an ordinance in that respect and the City will pass a resolution to enter in to the agreement with MSD.

The Committee will meet August 26, 2021 at 8:00 a.m. via ZOOM. Chairman Palans requested members give consideration to the format of future meetings. All members will share their preferred meeting format, be it in person or via zoom.

Mr. Adams made a motion to adjourn the meeting; Ms. Rober seconded the motion. All voted "aye" in favor of adjourning. Meeting was adjourned at 8:55 a.m.



Mr. Lloyd Palans, Chairman