

Meeting Minutes
Ladue Storm Water Advisory Committee
Thursday, November 29, 2022 3:00 p.m.

Chairman Lloyd Palans called the meeting of the Storm Water Advisory Committee to order at 3:01p.m.

The following members were present:

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

Also present:

Mayor Spewak; John Fox and Bill Brennan, Councilmembers; Anne Lamitola, Public Works Director; Amanda Griffin and Mark Koester, Storm Water Engineers; Roger Stewart, Flood Plain Administrator; and Lori Mullins, Deputy City Clerk.

Adoption of the Agenda

The agenda was adopted upon motion by Mr. Adams and second by Ms. Rober.

Approval of the Minutes from the September 29, 2022 Meeting

The minutes were approved upon motion by Mr. Solsvig and second by Mr. Adams.

Ms. Lamitola reported the City was notified by SEMA that properties located at 14, 22, and 25 Foxboro are eligible for Hazard Mitigation Grant Program (HMGP) funding. Properties at 7 Conway Lane and 2 Robin Hill are eligible for placement on the wait list or "Stack". Should other funded properties in the region not be purchased through the buyout process, properties could be moved up from the stack and into the funded category. HMGP applications are due by April 1, 2023. City staff is in need of direction from the City Council regarding whether the stacked properties shall also be included in the HMGP application. This direction will allow for Horner & Shifrin to prepare the scope of work for HMGP project management which will be presented to City Council at the January 2023 meeting.

HMGP funding requires a 25% City share which results in a higher share of Stormwater funds than the FMA buyouts which have funding levels of 90 or 100% depending on flood insurance claim history.

The City's share in the event that all five HMGP properties be funded is \$890,725.00. The 25% share for the three HMGP eligible properties on Foxboro is \$432,275.00, for 7 Conway Lane is \$208,450.00 and for 2 Robin Hill is \$250,000.00.

The anticipated project management cost will range from \$85,000 - \$90,000 for the three eligible HMGP properties. The project management cost to add the two waitlisted properties will range from \$17,200 - \$25,000 per property with no ability to obtain Federal Funding for those costs in the event they do not move from the stack to being funded. The upfront application costs are approximately 10% of the total PM costs based on utilizing the FMA project management costs as guidance. Should the two stacked properties not move beyond the application phase, the City would be out of pocket approximately \$5000.

Staff is requesting a recommendation to City Council regarding guidance with the applications. In order to complete an application for HMGP funding, the City Council must adopt a resolution committing to the City's share prior to April 1. Costs must be evaluated prior to hiring a consultant to assist the City with project management and the application process. The Stormwater Advisory Committee's recommendation will be presented to City Council at the December meeting. The Horner & Shifrin Project Management proposal will then be presented to Council at the January meeting.

Chairman Palan stated the Committee has been tasked to recommend to the City Council that the City Council adopt a resolution prior to April 1, 2023 that would commit to the City's contribution share, to evaluate the cost, and to hire a consultant to assist the City with project management and the application process.

Chairman Palans moved recommendation to proceed with the application to HMGP funding, and the cost be evaluated, prior to hiring a consultant to assist with the process. The motion passed unanimously upon second by Mr. Adams.

The following residents were present and posed questions regarding the buyout or other stormwater related matters, and comments regarding the process and policy:

- Mr. Pete McGowan, 3 Robin Hill
- Gregory Ray, 14 Foxboro
- Corey Gale, 25 Foxboro
- Ron Tremayne, 4 Wakefield

Ashley Firth, 24 Foxboro reported that her property will be the only remaining home there and would like to be considered for buyout. Kurt Thompson, 26 Foxboro spoke on behalf of Ashley Firth regarding 24 Foxboro.

Ms. Tamara Waltke, 20 Foxboro spoke regarding her property, having flooded three times since August, requested to be added to the stack.

Mr. Adams moved the Committee's recommendation be made to the City Council to place the Waltke's property at 20 Foxboro be included in the stack subject to the submission of necessary forms and necessary information. The motion passed unanimously upon second by Mr. Solsvig.

Small Project Storm Water Grant Program

Mr. Koester gave the following update, to date a total of \$135,878.38 in City funds have been disbursed under the program. 14 applications have been filed for a total request of \$219,335.73:

- One is complete with a disbursement of **\$10,350.00** in 2018 funds;
- Two are complete with a disbursement of **\$44,955.78** in 2019 funds;
- Four are complete with a disbursement of **\$62,271.60** in 2020 funds;
- One is complete with a disbursement of **\$18,301.00** in 2021 funds;
- One is on the November 29th agenda for the Committee to consider approval for **\$22,733.85** in 2022 funds; and
- Of the remaining five projects, one application has been withdrawn; and four are inactive.

Mr. David Molter, 110 Dielman Road has completed and fully executed a grant application requesting reimbursement in the amount of \$22,733.85. By Ordinance the Public Works Director and the Committee will review the completed application together with the information submitted by the Property Owners. After Committee approval, the Director of Public Works will notify the Property Owners of the eligibility of the proposed Project as either:

- Accepted with funding available;
- Accepted with funding not available and placed on the wait-list;
- Not eligible and denied

In funding year 2022, \$100,000.00 is available for disbursement.

The property has yard flooding, erosion and a ponding area near a basement stair well that overflows into the basement. The scope of work includes the installation of dry creek beds to facilitate drainage and alleviate yard erosion. A private storm sewer will be installed to drain the ponding area near the basement stair well.

The property was included in the SMP database as part of Briarcliff Channel Improvements however, construction is not scheduled for the foreseeable future due to the project priority. There are no channel improvements included in the scope of work for the small grant project.

Public Works recommends favorable consideration by the Committee of the application for acceptance with funding available. If approved, a funding request will be forwarded to the City Council for approval as the reimbursement amount is over \$7,500.00.

Mr. Solsvig moved approval of the grant application. The motion passed unanimously upon second by Ms. Rober.

Storm Water Management Program/2019 Five Year Implementation Program

Robin Hill Lane - McKnight Lane Bank Stabilization Project

Mr. Koester presented the update that damage incurred on the streambank and landscaping areas caused by the July floods has been repaired. Only minor punch list items remain to be resolved. Public Works is continuing to work with FEMA on reimbursement for 75% of our costs to repair the damaged areas. This could potentially result in a reimbursement to the City of \$60,000 - \$80,000.

At the last meeting, discussion about flooding issues at the Robin Hill Lane culvert on Country Club Drainage Creek led the department to have design engineer, Intuition & Logic summarize the design considerations that were used for the City's bank stabilization project. Intuition & Logic performed extensive hydraulic and hydrologic computer modeling of the watershed confirming that the project did not increase flood elevations upstream or downstream of the project. The modeling also confirms that the project does not increase the velocities compared to the pre-project condition downstream of the project. The design team found that water surface elevations upstream of Robin Hill Lane are controlled by the size of the culvert and the

backwater influence from the McKnight Road bridge. They concluded that improving the conveyance at Robin Hill Lane would have limited improvements to flood elevations upstream, and not enough to remove any homes from the FEMA floodplain.

Deerfield-Wakefield Stormwater Infrastructure Project

Ms. Griffin shared that the City has not received all easements necessary to proceed with construction of the project. The Storm Water Advisory Committee met on September 29, to review the status of the project, and agreed to extend the deadline to obtain the necessary easements until the next regularly scheduled Committee meeting on January 26, 2023. If all necessary easements are not obtained by that date the Committee will likely determine that this project be placed on inactive status as provided in our stormwater ordinance. The Committee meeting is open to the public, and will be held at City Hall on Thursday, January 26, 2023, at 8:00 AM.

The easement progress is as follows:

- 7 Trails End Lane, 15 Danfield Road, 50 Woodcrest Drive, 32 Daniel Road, 1 Wakefield Drive, 21 Ellsworth Lane, 25 Ellsworth Lane have been obtained
- Outstanding or denied easements: 19 Ellsworth Lane, 27 Ellsworth Lane, 1 Danfield Road, 2 Danfield Road, 39 Lindworth Drive, 25 Deerfield Road, 29 Deerfield Road, 41/47 Deerfield Road, 12 Wakefield Drive, 34 Deerfield Terrace, 38 Deerfield Terrace
- Non-essential easements denied by resident and removed: 10 Wakefield Drive, 11 Wakefield Drive

Willow Hill Stormwater Infrastructure Project

Ms. Griffin stated that change order negotiations are underway with Bi-State Utilities. HR Green recommends an approval of \$82,915.97 in change orders if the City pursues a pipe quantity underrun credit, or \$97,477.97 in change orders if the City does not pursue the credit. The budget remaining in Bi-State's contract is \$173,358.50, this includes \$106,795.52 in retainage. \$66,562.98 of Bi-State's base contract value (schedule of values work) has not been billed. After change order #6 was approved, the contingency fund sits at \$82,778.88. Change order requests in excess of \$149,341.86 will require a contingency increase from City Council.

Project Financials:

- Bi-State Utilities construction contract: current contract value: \$2,202,473.38; contingency fund balance: \$82,778.88; paid-to-date: \$2,029,114.88.
- HR Green construction phase services contract: current contract value: \$255,116.20; paid-to-date: \$236,747.83

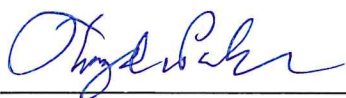
Other Matters Deemed Appropriate

State American Rescue Plan Act (ARPA) Water Infrastructure Community Grant Program

Missouri Department of Natural Resources awarded \$410 million for community water infrastructure grants. Funding was made available through American Rescue Plan Act (ARPA) State Fiscal Recovery Funds. The City applied for \$5 million in funding for the Deerfield-Wakefield Stormwater Infrastructure Improvements project. The City's application did not score highly enough to qualify for funding, however, ranked fifth on the waitlist. 67 projects were funded. If a funded project comes in under budget or is bypassed, those dollars will be made available to communities on the waitlist. Available funds will be offered to waitlist communities in priority order starting with the highest scoring project.

Adjournment

The meeting adjourned at 4:14 p.m. upon motion by Mr. Solsvig and second by Ms. Rober.

A handwritten signature in blue ink, appearing to read "Lloyd Palans", written over a horizontal line.

Mr. Lloyd Palans, Chairman