



LIVINGSTON COUNTY, MICHIGAN
DEPARTMENT OF PUBLIC WORKS

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Memorandum

To: Livingston County Board of Commissioners

From: Ken Recker, Chief Deputy Drain Commissioner

Date: April 30, 2024

Re: Resolution Authorizing Improvements to the Sharp Drain and Distribution of Vision Tour (ARPA) Funding
Resolution Authorizing Improvements to the Fowlerville Village Drain and Distribution of Vision Tour (ARPA) Funding
Resolution Authorizing Improvements to the Brighton No. 4 Drain and Distribution of Vision Tour (ARPA) Funding
Resolution Authorizing Improvements to the Rossington Drain and Distribution of Vision Tour (ARPA) Funding

Resolution 2022-12-192 outlined a plan for the strategic use and distribution of American Rescue Plan Act (ARPA) funding. Each of the four aforementioned projects were identified for potential projects in this resolution. Attached to each resolution is a map of the special assessment district for the Drain, and a summary of pertinent/available data pertaining to each project. These projects were originally prepared for ARPA resolutions in early April, however at the direction of Commissioner Fiani these requests are to access Vision Tour funds. A brief summary of each project is provided below:

Sharp Drain

This drain which was established for farming purposes prior to World War I has not been improved since land splits converted the area to use exclusively for residential purposes in the late 1980's/early 1990's. In meetings with Conway Township officials regarding potential uses of ARPA funds within their community, this drainage system was identified as the highest priority of the 39 established county drains within Conway Township. The intent of the design (see attached plan and profile of the improvements) is to upgrade the collection system to be capable of conveying the 50% chance storm event. We anticipate construction of the improvements this summer.

Fowlerville Village Drain

This drain was established to serve a portion of the Village of Fowlerville, north of Grand River Avenue and East of Grand Avenue, in 1918. It was subsequently improved with the establishment of the Fowlerville Village No. 2 Drain in 1935, though the original infrastructure from the 1918 project remained in place until recently. Improvements to North and South Street within Village limits were the impetus for the project. LCDC forces completed improvements to the drain between North and South Street (approximately a \$26,000 expense) following receipt of the 2020 petition. Remaining work to be done on this petition is north of North Street (see attached profile for existing conditions). We anticipate this work being completed this coming winter/spring of 2025.

Brighton No. 4 Drain

This drain was established in 1944 for the purposes of providing improved farm drainage along the US-23 (now Old US-23) corridor. A small improvement done in the late 1980's was assessed through the early 1990s. However, a significant portion of the system from 1944 was left in place. Following receipt of a petition by landowners in 2019, emergency work was done in 2020 to improve capacity at the outlet and reduce home flooding. The remainder of the work to be done pursuant to this petition (preliminary plans are attached) will have the capability to convey approximately the 10% chance storm event, compared to the current system upstream of Newfound Gap being capable of conveying the approximately 50% chance storm event. We anticipate bidding out this project this fall, with contracted construction to occur this coming winter/spring of 2025.

Rossington Drain

This drain was established in 1919 and improved in 1991 across what is now the Spencer J. Hardy Airport. A significant rain event in August of 2021, that inundated areas west of Howell, resulted in flooding along the Rossington Drain, in the area where the drain crosses Grand River Avenue, immediately to the south of the Airport. Howell Township petitioned our office for improvements to the drain to address the flooding, and we are working with the Airport towards putting an easement in place on the south side of the airport property, where constructed improvements will help mitigate future flooding. We also plan improvements to the airport stormwater pumping station as part of this project. Pending agreements with the airport and the Michigan Department of Transportation Aeronautics Division, we anticipate this work being completed later in 2025.

Thank you for your consideration of the aforementioned resolutions. If you have any questions regarding this matter, please contact me.