McMAHON
ENGINEERS ARCHITECTS

To: **The Finance Committee**

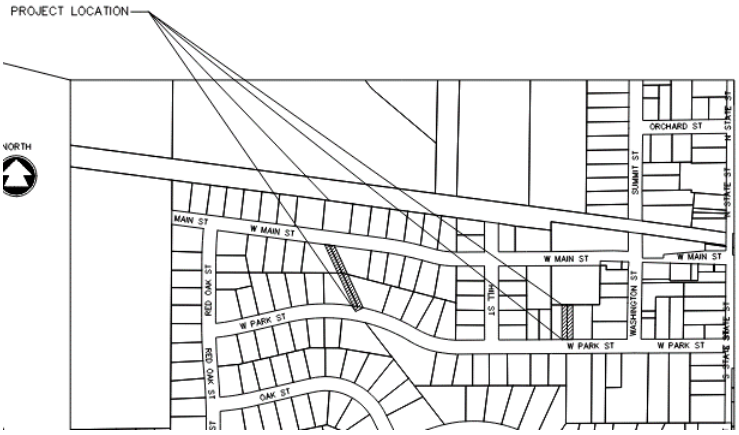
From: **Chris Dopkins, P.E. Village Engineer**

Re: **Park & Main Drainage Improvements**

Date: **May 5, 2021**

In 2014, the Village of Poplar Grove was awarded grant funds totaling $100,000 for the construction of a drainage improvements. Unfortunately, the State of Illinois froze the use of all grant funds later that year which prevented the Village from proceeding with the project. In 2020, the Administration made efforts to have the funding reauthorized and were successful in doing so. Therefore, we dusted off the plans from 2014, made a few updates and are now ready to go to letting.

To refresh your memories, the improvements are contained to the two drainage channels shown on the map. The easterly drainage way will be improved by the construction of a concrete low flow channel along with new culverts under Park Street. There will also be a new concrete low flow channel constructed in the ditch on the south side of Park from the new culvert pipes to the existing culvert pipes beneath the driveways, and the side slopes of the ditches will be regraded as well.



The westerly channel (through Sherman Oaks Subdivision) has a history soft ground conditions due to base flow (i.e., the nearly constant presence of groundwater) which has also led to invasive plant species taking over the area. The end result is that the residents are not able to mow the area which leads to overgrowth and further propagation of the invasive species. The planned improvements include the removal of the existing topsoil in order to remove the invasive species and provide new topsoil to facilitate new grass. A drain tile will be installed, and a decorative river rock will be placed over the drain tile trench (similar to the photo) in order to provide a means to lower the groundwater elevation. The area will be restored with new seeding and erosion control blanket to help the seed germinate.



Attached to this memorandum is a resolution that will authorize bid letting for the improvements. We would anticipate advertising for bids on or about May 21st, and opening bids on or about June 9th. Contract award would then occur in June. We do not want to plant seed until early September, so construction will not occur during the dry times of late July or August in order to properly time the planting of the new turf grass.

I look forward to discussing this item with the Committee and in the meantime please do not hesitate to contact me at 636-9590 with any questions. Thank you.

RESOLUTION 21-32

A RESOLUTION OF THE VILLAGE OF POPLAR GROVE TO AUTHORIZE PUBLIC BID LETTING FOR THE MAIN STREET & PARK STREET DRAINAGE IMPROVEMENTS

WHEREAS, the Village of Poplar Grove, Illinois ("Village") has been awarded a grant for drainage improvements within the drainageways between Main Street & Park Streets; and

WHEREAS, pursuant to the Village's purchasing policies, grant requirements and State Statute, projects in excess of $25,000 are to be publicly bid; and

WHEREAS, plans and specifications for the Main Street & Park Street Drainage Improvements are ready for public bid letting; and

WHEREAS, the Village has determined that it is in the best interest of the Village and its citizens to undergo the public bid letting process to obtain proposals from contractors for the Main Street and Park Street Drainage Improvements as set forth herein.

NOW THEREFORE BE IT RESOLVED by the President and Board of Trustees of the Village of Poplar Grove, Boone County, Illinois, that:

1. The above recitals are incorporated herein and made part hereof.

2. The Village Engineer is hereby authorized to advertise the construction drawings and corresponding specifications for the Main Street and Park Street Improvements for public bid letting as provided by Ordinance, grant requirements, and State Statue.

PASSED UPON MOTION BY _____

SECONDED BY _____

BY ROLL CALL VOTE THIS _____ DAY OF _____, 2021

AS FOLLOWS:

VOTING "AYE": _____

_____

VOTING "NAY": _____

_____

ABSENT, ABSTAIN, OTHER _____

APPROVED_____, 2021

_____
VILLAGE PRESIDENT

ATTEST:

VILLAGE CLERK:_____