



## **VILLAGE OF DOBBS FERRY BOARD OF TRUSTEES AGENDA**

**MEETING DATE:** MARCH 8, 2022

**AGENDA ITEM SECTION:** DISCUSSION AND RESOLUTION ITEMS

**AGENDA ITEM NO. :** 2

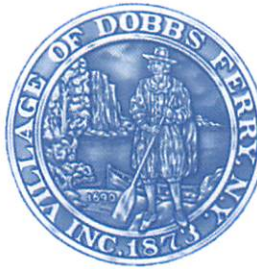
**AGENDA ITEM:**

**DISCUSSION:** CONSIDER A RESOLUTION AUTHORIZING THE EXPENDITURE FOR ENGINEERING SERVICES AND STUDIES

**RESOLUTION:** AUTHORIZING THE EXPENDITURE FOR ENGINEERING SERVICES AND STUDIES

**ITEM BACKUP DOCUMENTATION:**

1. MEMORANDUM DATED MARCH 3, 2022 FROM JENNIFER DORMAN/DPW SENIOR OFFICE ASSISTANT TO MAYOR ROSSILLO AND THE BOARD OF TRUSTEES
2. DRAFT RESOLUTION



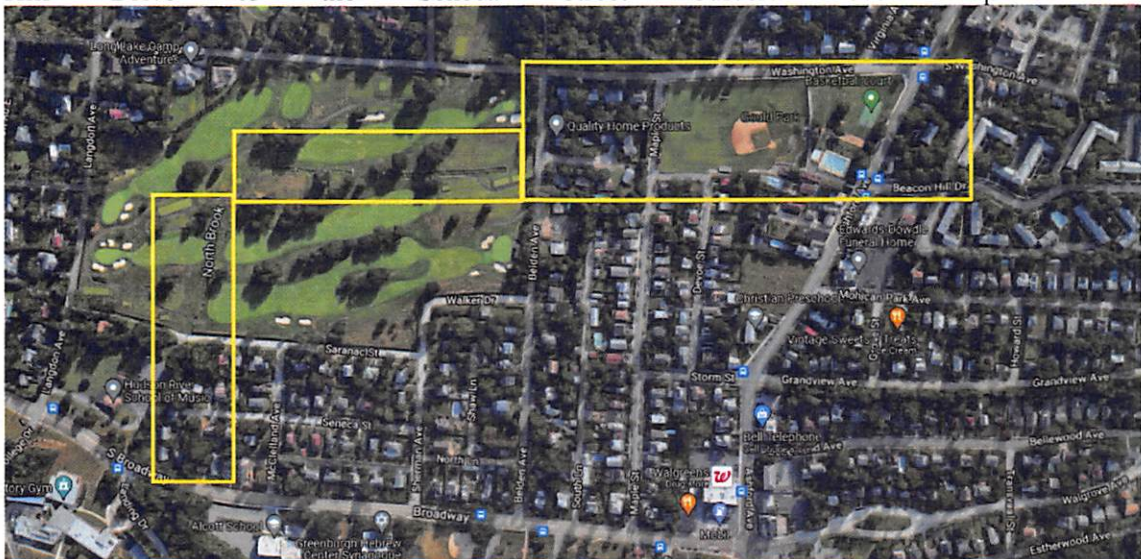
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# Memorandum

**To:** Mayor Rossillo & the Board of Trustees  
**From:** Jennifer Dorman, DPW Senior Office Assistant  
**Date:** 3/3/2022  
**Re:** Proposed Upcoming Projects & Studies

The Department of Public Works has been working closely with the Village's Consulting Engineer, Anthony Oliveri of AI Engineering, Dolph Rotfeld Engineering Division (AIE/DRE), and the Village Administrator, Melissa Ferraro, in determining next steps for various projects and studies throughout the Village. We are presenting our recommendations of a plan for the following projects moving forward. During Hurricane Ida, the Village's storm sewer system was pushed far beyond its capacity. As you know, Hurricane Ida caused many devastating infrastructure collapses and now the Village has to decide to move forward with studies to determine how to repair or enhance the existing storm sewer infrastructure.

The first project is the Gould Park/Pietro Place study. Between the rain water sheeting across Ashford Avenue and flooding the pool and Gould Park and the flooding of Pietro Place, we asked our Consulting Engineer to conduct a study to survey the area which covers from Beacon Hill Drive to the Seneca Street Culvert. See map below:



AIE/DRE, has provided us with a proposal for the cost of the study for the Gould Park/Pietro Place project, which will survey the area, coordinate a Closed Circuit Television (CCTV) inspection of the existing storm drainage and recommend a course(s) of action. The cost of this study is \$80,000. Upon completion of the study, the Village will consider the recommendations in the study and determine how to proceed. The Village Treasurer has confirmed we may use America Rescue Plan Act funding for the cost of this project. In addition, the Village will continue to seek other funding opportunities for completion of all work related to this project.

The next project which requires a study is the Virginia Avenue/Ashford Avenue Drainage project. This project includes an analysis of the recurring flooding that occurs at the dead end of Virginia Avenue, downstream culvert and open stream along Shady Lane, Brookside Lane, King Street and Ashford Avenue. After Hurricane Ida, residents were concerned about sinkholes in their back yards. AIE/DRE has provided us with a proposal for a study for project which will include surveying the area, coordinate a CCTV inspection of the existing culverts and drainage and recommend a course(s) of action. The cost for this study is \$69,500.

We are recommending the Village proceed with two additional projects in the vicinity of Walgrove/Estherwood and Bellaire Drive. The Walgrove/Estherwood Drainage project involves a sinkhole that has formed in the backyard of 105 Estherwood Avenue which is above an existing storm water drain which runs from an open stream through the back yard of 105 Estherwood underground and out to a catch basin on Walgrove Avenue. The total estimated cost of construction for the replacement of an estimated 325 linear feet of new pipe culvert, concrete headwall and stream restoration/hardening, is an estimated \$450,000.

The second project is the Bellair Drive Drainage project which involves a roadway that has sustained potholes and sinkholes due to drainage issues. This project will replace 500 linear feet pipe, address various drainage structures and restore the roadway. The total projected cost for this project is \$250,000.

The total estimated cost for the two studies is \$150,000. The Village will transfer \$50,000 from the contingency budget line to fund the studies. The total estimated cost for the two projects that do not require studies is \$700,000. The Village has identified use of America Rescue Plan Funding and will continue to seek additional funding for infrastructure grants for these projects going forward. We ask the Mayor and Board to accept the proposals for these studies and projects to proceed.

Thank you for your consideration.

**RESOLUTION TO AUTHORIZE THE VILLAGE ADMINISTRATOR TO ACCEPT DRAINAGE PROJECT PROPOSALS TO COMMENCE DRAINAGE STUDIES FOR THE VIRGINIA AVENUE/ASHFORD AVENUE PROJECT AND THE PIETRO PLACE/GOULD PARK PROJECT AND TO ACCEPT PROJECT PROPOSALS FOR THE DESIGN AND CONSTRUCTION OF THE WALGROVE AVENUE/ESTHERWOOD AVENUE DRAINAGE PROJECT AND THE BELLAIR DRIVE DRAINAGE PROJECT.**

**WHEREAS**, during Hurricane Ida in September 2021, the Village's storm sewer infrastructure was severely overburden which caused storm sewer collapses throughout the Village; and

**WHEREAS**, the Village acquired multiple proposals (attached) from AI Engineering, Dolph Rotfeld Engineering Division (AIE/DRE) to study, survey, design and recommend a course of action for the following projects:

- Pietro Place/Gould Park Drainage Study
- Virginia Avenue/Ashford Avenue Drainage Study
- Walgrove Avenue/Estherwood Avenue Drainage Survey & Design
- Bellair Drive Drainage Survey & Design

**WHEREAS**, the estimated cost of the Pietro Place/Gould Park Drainage study is \$80,000 and will include the drainage system from Beacon Hill Drive, Gould Park, Maple Street, Pietro Place, through the golf course, and continued through the back yards of Seneca Street, and

**WHEREAS**, the estimated cost of the Virginia Avenue/Ashford Avenue Drainage study is \$69,500 and will include the drainage system from the dead end of Virginia Avenue, downstream culvert and open stream along Shady Lane, Brookside Lane, King Street and Ashford Avenue; and

**WHEREAS**, the estimated cost of the Walgrove Avenue/Estherwood Avenue Drainage project is \$450,000 and will include replacing approximately 325 linear feet of new pipe culvert, concrete headwall and stream restoration and hardening; and

**WHEREAS**, the estimated cost of the Bellair Drive Drainage project is \$250,000 and will include replacing 500 linear feet of pipe, address various drainage structures and restore the roadway; and

**WHEREAS**, the Village may use America Rescue Plan Act funding for the cost of the above referenced projects; and

**WHEREAS**, the Village intends to used budget code A.1325-457 – Treasurer – Consultants for the cost of these studies; and

**WHEREAS**, budget line A.1325.457 – Treasurer – Consultants requires a budget transfer in the amount of \$50,000.00 from budget code A.1990.400 – Contingency; and

**WHEREAS**, the Village Administrator recommends proceeding with these studies and projects at this time.

**NOW, THEREFORE, BE IT**

**RESOLVED**, the Board of Trustees of the Village of Dobbs Ferry hereby authorizes the Village Administrator to accept the AIE/DRE drainage project proposals to commence drainage studies for the Virginia Avenue/Ashford Avenue Project and the Pietro Place/Gould Park Project; and be it further

**RESOLVED**, the Board of Trustees of the Village of Dobbs Ferry hereby authorizes the Village Administrator to accept the AIE/DRE project proposals for the design and construction of the Walgrove Avenue/Estherwood Avenue Drainage Project and the Bellair Drive Drainage Project; and be it further

**RESOLVED**, that the Village Administrator is authorized to take any and all actions necessary to effectuate the intent of this Resolution.