



VILLAGE OF DOBBS FERRY BOARD OF TRUSTEES AGENDA

MEETING DATE: MARCH 22, 2022

AGENDA ITEM SECTION: DISCUSSION AND RESOLUTION ITEMS

AGENDA ITEM NO. : 7

AGENDA ITEM:

DISCUSSION: ENGINEERING SERVICES AND STUDIES FOR THE DESIGN AND CONSTRUCTION OF THE BELLAIR DRIVE DRAINAGE PROJECT

RESOLUTION: CONSIDER A RESOLUTION AUTHORIZING THE EXPENDITURE FOR ENGINEERING SERVICES AND STUDIES FOR THE DESIGN AND CONSTRUCTION OF THE BELLAIR DRIVE DRAINAGE PROJECT

ITEM BACKUP DOCUMENTATION:

1. MEMORANDUM DATED MARCH 18, 2022 FROM ANTHONY OLIVERI, P.E./VILLAGE CONSULTING ENGINEER TO MELISSA FERRARO/VILLAGE ADMINISTRATOR
2. DRAFT RESOLUTION: TO AUTHORIZE THE VILLAGE ADMINISTRATOR TO ACCEPT THE PROJECT PROPOSAL FOR THE DESIGN AND CONSTRUCTION OF THE BELLAIR DRIVE DRAINAGE PROJECT

MEMO

TO: Melissa Gilbon Ferraro, Village Administrator

FROM: Anthony Oliveri, P.E.

DATE: March 18, 2022 -Revised

SUBJECT: Bellair Drive Drainage Improvements
Capital Project Design Budget

The Bellair Drive Drainage project involves a roadway that has sustained potholes and sinkholes due to drainage issues. The Village televised the drainage system on Bellair Drive from North Drive to Porter Place. It was found that The 12" corrugated steel drain pipe from North Drive to 67 Bellair Dr. was in very poor condition. The majority of pipe is missing large sections of the roof and floor. The remainder of the storm drain from 67 Bellair to Porter Place was concrete pipe and in relatively good condition. There are low areas near 67 Bellair Dr that will need additional drainage structures, survey information will verify the number of additional structures required. This project will replace approximately 500 linear feet pipe, add drainage structures as needed, add or replace curbing and restore the roadway pavement. The total projected cost for this project is \$250,000. A final cost estimate will be confirmed once design is advanced. Please see below for our fee and budget estimate and a bulleted item scope,

AI/DRE anticipates providing the following services:

- Coordinate / procure survey of the project area
- Provide Civil Engineering Design services and preparation of Construction Plans and Specifications.
- Preparation of Bid Documents.
- Preparation of an engineering cost estimate.
- Provide Bid analysis, and recommendation for award of bid.

DRE/AI can perform this scope as provided under our current Engineering Services agreement for Capital Projects on a lump sum basis. As per our agreement the design fee shall be 7.8% of the actual bid price. Based on current information a tentative construction cost is estimated at \$250,000.00, therefore a budget of \$19,500.00 for the design fee is recommended. Survey costs will be billed as a direct cost to the Village, estimated at \$8,000.00. (costs are based on an estimated 500 linear feet of new pipe, various drainage structures and roadway restoration).

DRE/AI anticipate 4 to 6 weeks from the receipt of the necessary survey information to prepare the design and bid documents.

Construction Administration and Inspection services can also be provided under our current Engineering Services agreement based on hourly rates and personnel assigned. Assuming a 30 day construction timeframe, we recommend a budget of \$20,000.00 for this work.

We are ready to start as soon as we receive authorization from your office.

Thank you

**RESOLUTION TO AUTHORIZE THE VILLAGE ADMINISTRATOR TO ACCEPT THE
PROJECT PROPOSAL FOR THE DESIGN AND
CONSTRUCTION OF 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 a proposal (attached) from AI Engineering, Dolph Rotfeld Engineering Division (AIE/DRE) to study, survey, design and recommend a course of action for the Bellair Drive Drainage Survey & Design project; 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 will continue to seek additional funding through Grants to compensate the costs associated with this project; and

WHEREAS, the Village Administrator recommends proceeding with this 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 project proposal for the design and construction of 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.