

## MIAMIBEACH

OFFICE OF THE CITY MANAGER

NO. LTC# 251-2020

LETTER TO COMMISSION

TO: Mayor Dan Gelber and Members of the City Commission

FROM: Jimmy L. Morales, City Manager

DATE: July 14, 2020

SUBJECT: **UPDATE OF THE WEST AVENUE PHASE II IMPROVEMENTS PROJECT**

The purpose of this Letter to Commission is to update the Mayor and City Commission on the status and current activities for the West Avenue Phase II Improvements Project.

During the June 24, 2020 Commission meeting, there were two discussion items regarding the proposed pump station and the harmonization and drainage connection policies. After discussion by the City Commission and public comments from residents, the administration proposed examining other options for the pump station location and returning to present the study to Commission at the July 24, 2020 special Commission meeting. Likewise, the City Commission agreed to discuss the harmonization and drainage connection policies at that time. Due to the work effort required and the intent to present findings to the community prior to the Commission meeting, City staff and the design builder will need more time to complete the requested study. As a result, administration will be bringing both items to a yet to be scheduled special Commission meeting in September 2020, for the Commission's consideration.

Following feedback received during the LUSC and Commission Meetings, staff directed the Design/Builder, Ric-Man Construction Florida, Inc., to further evaluate and provide a limited feasibility study for the pump station and above ground components location as follows:

**Option 1** – Pump station (10-year storm) at Lincoln Road street end, above ground equipment on Lincoln Road between Bay Road/Lincoln Court (current design)

**Option 2** – Same as Option 1 but move generator only to 1670 West Avenue City parking lot P-24 (by post office), or at the circular City parking lot P-23 on West Avenue south of Lincoln Road

**Option 3** – Pump station and all above ground components at 1670 West Avenue, City parking lot P-24 by post office (LUSC recommendation), or at the circular City parking lot P-23 on West Avenue south of Lincoln Road

**Option 4** – Install pump station to meet 5-year storm event, construct underground piping to handle 10-year storm event

- Generator could still be relocated to one of the parking lots
- Above ground equipment would be reduced in size. Above ground equipment could be located in the original Bay Rd/Lincoln Ct median or at the street end, or both

- Pump station could be upsized, or another pump station could be installed elsewhere in the future

**Option 4A** - Install pump station underground components (structures/piping, etc.) to meet 10-year storm event requirement but fit out pumps/panels to meet only 5-year storm event now

- Upgrade pumps/panels to 10-year storm in the future

**Option 5** – Split pump station and all its components into two smaller pump stations

- One at current location, second possibly at north end of Bay Road

**Option 6** – Pump Station (10-year storm) at Lincoln Road street end and ALL above ground components at City parking lot P-24 by post office or at City parking lot P-23

**Option 7** – Upgrade existing pump stations at 6<sup>th</sup> Street and split flows north and south of 14<sup>th</sup> Street

- Upgrade other pump stations south of Lincoln Road in the future

**Option 8** – Eliminate permanent generators all together and provide portable units

- Can combine with some of the other options above

The limited feasibility study will focus primarily on the capacity of the site to accommodate the required components, FPL power availability, pump electrical requirements and stormwater discharge location availability. It is important to note that while this study will require significant effort, the design-build team will not be completing an in-depth engineering analysis for the additional options. The cost of the limited feasibility study by the design-build team is approximately \$208,000 and will be funded by previously authorized project contingency.

Upon completion of the study, a public meeting will be held to present the findings of the report.

JM/ATH/DM