Paul Savage

From: Osborne, Aaron <AaronOsborne@miamibeachfl.gov>
Sent: Wednesday, January 3, 2024 8:15 PM
To: Paul Savage
Cc: Madan, Rogelio; Kaimrajh, Teresa; Garavito, Alejandro
Subject: RE: The Alton Rd Project: Alton & Fifth; Future Crown of Road Values for site at 1100 5th Street
Attachments: Project Prioritization 200401 Map.pdf

Hello Paul,

As per our phone conversation earlier today, please see complied future crown of road elevations for 1100 5th Street below.

The values for all bounding streets have been included below:

- The future Crown of the Road elevation adjacent to 1100 5th Street, Miami Beach, along 5th Street is projected at 6.1 feet NAVD.
- "…," along Alton Road is projected at 4.8 feet NAVD.
- "…," along 4th Street is projected at 4.4 feet NAVD.
- "…," along Lenox Ave is projected at 4.4 feet NAVD.

In 2020, the City Commission adopted a new road elevation strategy which considers sea level rise (SLR) projections and tidal flooding. Since the SLR projections vary with time, so are the proposed elevation of the roads. We are currently using the 2025 projected values (see Table 1 below), and thus the elevation of the roads at the edge of pavement for *State Roads* like 5th Street at the referenced address is projected to be approximately 5.2 feet NAVD (and 5.4 feet NAVD at the crown of the road for a typical two-lane road with 10-foot-wide lanes). Also, the elevation of the roads at the edge of pavement for *Non-State Roads* like 4th Street, Lenox Ave, and Alton Road (south of 5th Street) at the referenced address is projected to be approximately 4.2 feet NAVD (and 4.4 feet NAVD at the crown of the road for a typical two-lane road with 10-foot-wide lanes).

Table 1- Future Edge of Pavement Elevation (in feet NAVD) per Adopted Road Elevation Strategy (Road Elev 200228 reduced.pdf)

Project Start Date	2020	2025	2030	2035	2040
State Roads	4.8	5.2	5.7	6.2	6.7
Non-state Roads	3.9	4.2	4.5	4.9	5.3

Please note that the projected future road elevation is only a *target* and *can be adjusted* to ensure proper harmonization. Harmonization refers to the transition in elevations between the private property and the right of way, including the driveway and pedestrian access as well as the front and side yard transitions.

Based on the prioritization of projects (see attached map), the above subject property falls within the South Pointe D Neighborhood Improvement Project (NIP), and it is not expected to be raised within the next few years.

Feel free to contact me if you have any questions.

Best regards,