


From: [Osborne, Aaron](#)
To: [Patrick Davidson](#)
Cc: [Ortega, Cristina](#); [Alejandro Miranda](#); [Paul Fischman](#); [Kaimrajh, Teresa](#)
Subject: RE: Future Crown of Road Elevation for 34 Star Island Dr.
Date: Friday, November 17, 2023 5:11:35 PM
Attachments: [image001.png](#)
[image002.png](#)
[image003.png](#)
[image004.png](#)
[Project Prioritization 200401 Map.pdf](#)

Good afternoon Patrick,

The future Crown of the Road elevation adjacent to 34 Star Island Dr., Miami Beach, 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 local roads like Star Island Drive at the referenced address is projected to be approximately 4.2 feet NAVD (and 4.4 feet NAVD at the crown of the road).

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
Emergency Roads	4.8	5.2	5.7	6.2	6.7
Arterial and Local 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 Star and Terminal Island B 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,

MIAMIBEACH

Aaron Osborne, *Project Engineer*
PUBLIC WORKS DEPARTMENT, Engineering Division

1700 Convention Center Drive, Miami Beach, FL 33139
Tel: 305-673-7080 x 26110 / Fax: 305-673-7028
www.miamibeachfl.gov

Public Works Department Mission

We are a multi-disciplined department comprised of Operations, Engineering, Sanitation, and Greenspace Management divisions. Together, these divisions ensure the technologically advanced design, maintenance, functionality, delivery, and cleanliness of the City's water services and resources, roadways and greenways.

We place the utmost importance in valuing our employees and ensuring all are trained to be the most reliable, knowledgeable, environmentally-conscientious and solutions-oriented professionals who provide for the City's stakeholder needs and concerns in an efficient and socially-responsible manner to foster a better, safer, and healthier community for all to live, work, and play.

Public Works Department Vision

To be the most proactive, innovative, and dependable network of highly knowledgeable professionals who are skilled in providing stakeholders optimal service and solutions to our community's most pressing infrastructure and environmental needs.



Please do not print this e-mail unnecessarily

From: Patrick Davidson <patrick@clfarchitects.com>
Sent: Thursday, November 16, 2023 2:53 PM
To: Ortega, Cristina <CristinaOrtega@miamibeachfl.gov>
Cc: Alejandro Miranda <Alejandro@clfarchitects.com>; Paul Fischman <pfischman@clfarchitects.com>; Kaimrajh, Teresa <TeresaKaimrajh@miamibeachfl.gov>
Subject: Future Crown of Road Elevation for 34 Star Island Dr.

Some people who received this message don't often get email from patrick@clfarchitects.com. [Learn why this is important](#)

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Good afternoon Cristina,

We are looking for the Future Crown of Road for the above mentioned property. Can you confirm this?

I believe it will be +6' NGVD, but please confirm.

Thank you,

Patrick Davidson

Associate

CHOEFF LEVY FISCHMAN
ARCHITECTURE + DESIGN

(t) +1 (305) 434 8338, ext. 127

(f) +1 (305) 892 5292

patrick@clfarchitects.com

Miami

8425 Biscayne Blvd. Suite 201

Miami, FL 33138

Tampa

2023 West Platt Street Suite 104

Tampa, FL 33606

www.clfarchitects.com



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