

COMMITTEE MEMORANDUM

TO: Members of the Land Use and Sustainability Committee

FROM: Jimmy L. Morales, City Manager

DATE: May 26, 2020

TITLE: **DISCUSSION TO REVIEW THE PALM AND HIBISCUS ROAD ELEVATION EXPERIENCE.**

HISTORY

On September 11, 2019, the City Commission referred a discussion item to the former Sustainability and Resiliency Committee to review the Palm and Hibiscus project's road elevation experience. During the discussion of the item, the Commission also included the Venetian Islands, Lower North Bay Road, Sunset Harbour, and Alton Road projects. Staff was asked to evaluate the impact of road raising on private properties, as well as how road raising affects the project schedule and costs. The overall efficacy of road raising, and lessons learned from previous projects were also evaluated.

On January 21, 2020, the Land Use and Sustainability Committee (LUSC) discussed the Palm and Hibiscus project's road elevation experience, and as requested by the City Commission, the discussion also included the Venetian Islands, Lower North Bay Road, Sunset Harbour, and Alton Road projects. Staff was asked to return to the following meeting, and present estimated costs associated with raising the roads.

On February 18, 2020, the LUSC discussed the study performed by the City to analyze different road elevation scenarios in the Venetian Islands, Lower North Bay Road, Sunset Harbour, Alton Road and Palm and Hibiscus projects. The table and diagrams included in Attachment A were presented to the Committee and represent the estimated incremental costs to raise roadway assembles. In addition, the LUSC discussed the road raising strategy for mitigating sea level rise, as well as the pump station system to address storm water.

The LUSC requested administration to provide a document or spreadsheet to understand the cost of the current policy which includes a summary of projects completed, pre-elevation and post-elevation, time they started, time they ended, and results of projects.

ANALYSIS

A spreadsheet has been prepared and attached outlining information provided in previous memorandums, as well as additional details associated with each completed project. The project information is provided in the Attachment B summary report.

EXHIBITS

Attachment A – Cost to Raise Roads

Attachment B – Summary Report