

ATTACHMENT NO. 36

NECESSITY AND JUSTIFICATION FOR POTENTIAL IMPACTS

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The Lido Key HSDR Project intends to place beach fill along 1.6 miles of Lido Key between FDEP Monuments R-34.5 and R-44 and two groin structures between R-42 and R-44. The goal of the project is to address ongoing erosion and maintain storm protection associated with the federally authorized beach project. In addition, nesting habitat and recreational areas will benefit from the increased beach width. No impacts are expected to the seagrasses located within Big Sarasota Pass since are located either outside of the proposed borrow areas or will be avoided to prohibit dredging, placement of pipeline/equipment, anchoring or spudding in those areas. The purpose and need of the project is provided in Attachment No. 7. Further justification and effect on coastal processes are discussed in the engineering and modeling studies presented in Attachment No. 38.