

MEMORANDUM

TO: Governing Board Members

FROM: Ana Carolina Maran, Ph.D., Executive Office

DATE: September 8, 2022

SUBJECT: Feasibility Study Cost Share Agreement of the Section 216 Central and Southern Florida Flood Risk Management and Resiliency Study

Agenda Item Background:

Section 216 of the Flood Control Act authorizes the U.S. Army Corps of Engineers (USACE) to review the operation of projects constructed by the USACE in the interest of navigation, flood control, water supply and other related purposes when found advisable due to significantly changed physical or economic conditions. A study to reevaluate the Central and Southern Florida (C&SF) Project would proactively address flooding, water supply and other related risks to vulnerable communities due to changed conditions including sea level rise, weather patterns, land development and population growth. The purpose of the Section 216 Study is to build flood resiliency and reduce flood risks, now and into the future, in the communities served by the C&SF water management system. The Section 216 Study will focus on the highly vulnerable infrastructure that can reduce the most immediate flood risk to changing hydrodynamic and climate conditions, and the resilience aspects of such infrastructure. In order to proceed, the USACE and District are executing a Feasibility Study Cost Share Agreement of the Section 216 Central and Southern Florida Flood Risk Management and Resiliency Study.

Core Mission and Strategic Priorities:

Additional Item Background:

The Section 216 Central and Southern Florida (C&SF) Flood Risk Management and Resiliency Study is necessary due to significantly changed physical, hydrological, climatological, demographic, and economic conditions within the landscape served by the C&SF system; the current hazards to the associated aquifer and surrounding environment affected by the system; and for purposes of flood risk management, saltwater intrusion prevention, water supply protection, ecosystem restoration, and for maintaining recreation and any other water-related resource needs. The purpose of the Section 216 Study is to build flood resiliency and reduce flood risks, now and into the future, in the communities served by the C&SF water management system. The Section 216 Study will focus on the highly vulnerable infrastructure that can reduce the most immediate flood risk to changing hydrodynamic and climate conditions, and the resilience aspects of such infrastructure. The study will be conducted in coordination with stakeholders, Federal agencies, State, Tribal and local officials. USACE and the District, as a non-federal sponsor, would be 50/50 cost-sharing partners for a 3x3x3 compliant study - that's \$3M budget and 3-tiers concurrent reviews over 3-years. Development of the C&SF Project Flood Risk Resiliency Plan is supported by stakeholders and both the USACE Jacksonville District and South Atlantic Division. A Feasibility Study Cost Share Agreement (FSCSA) needs to be executed between USACE and the District to initiate the Study, expected in September 2022. This Agenda Item presents a resolution of the Governing Board to support the execution of the FSCSA of the Section 216

Central and Southern Florida Flood Risk Management and Resiliency Study.

Core Mission and Strategic Priorities:

This project supports the District's core missions of flood protection, water supply and ecosystem restoration.

Funding Source:

Development of the Central and Southern Florida Flood Risk Management and Resiliency Study will be cost shared 50:50 between the District and the USACE under Section 216 of the Flood Control Act. The District's costs to support the Study will be provided by in-kind staff time and continuing Studies being advanced as part of Flood Protection Level of Service Program. Future financial commitments for the construction of the study recommended projects are contingent upon funding appropriations from the Federal Government and State of Florida Legislature, and Governing Board approval of future years budgets.

Staff Contact and/or Presenter:

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ATTACHMENTS:

[Resolution No. 2022-0911](#)