

**JOINT FEDERAL, STATE, LOCAL  
PUBLIC NOTICE**

**July 1, 2023**

The Federal Emergency Management Agency and Florida Division of Emergency Management have received the following application for Federal grant funding. Final notice is hereby given of the Federal Emergency Management Agency's (FEMA) consideration to provide funding in the form of Hazard Mitigation Grant Program. Funds will be provided in accordance with Section 404 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act, Public Law 93-288, as amended.

Under the National Environmental Policy Act (NEPA), federal actions must be reviewed and evaluated for feasible alternatives and for social, economic, historic, environmental, legal, and safety considerations. Under Executive Order (EO) 11988 and EO 11990 FEMA is required to consider alternatives to and to provide public notice of any proposed actions in or affecting floodplains or wetlands. EO 12898 also requires FEMA to provide the opportunity for public participation in the planning process and to consider potential impacts to minority or low-income populations.

Funding for the proposed project will be conditional upon compliance with all applicable federal, tribal, state, and local laws, regulations, floodplain standards, permit requirements and conditions.

**Applicant:**

City of Cape Coral

**Project Title:**

HMGP-4337-270-R – City of Cape Coral, Weir 7 Improvements, Drainage

**Location of Proposed Work:**

Courtney Canal and Mohawk Parkway between SW 5th Place and SW 5th Avenue in Cape Coral, Florida 33914.

**Proposed Work and Purpose:**

The City of Cape Coral proposes to provide flood control improvements to the Weir 7 structure. The Weir 7 structure is the southernmost freshwater basin control structure separating the City's freshwater system from its tidal basins. This existing weir structure is composed of three (3) 4.25' x 7.90' box culverts with operable Obermeyer weirs and two (2) 71" x 47" corrugated metal arch pipes partially blocked by concrete, located west of the three (3) box culverts.

Project activities include the construction of two (2) operable weir gates at the upstream end of the two (2) 71" x 47" corrugated metal arch pipes to provide retention of water and flexibility in the system. An electrical control panel shall be installed to connect the two (2) operable weirs to the existing pump station electrical system for monitoring and operation of the two (2) operable weirs, including transformer and remote telemetry units. Additionally, a bulkhead shall be constructed, the concrete blockage from the two (2) 71" x 47" corrugated metal arch pipes shall be removed and the two (2) 71" x 47" corrugated metal arch pipes shall be slip-lined with two (2) 42" Structural Reinforced Polyethylene (SRPE) pipes and void space will be grouted.

During Hurricane Irma, the roadway along the 400 block of Mohawk Parkway, between 5th Avenue and 5th Place, was overtopped and created a public safety hazard for vehicular traffic. The proposed project shall minimize the risk of residential and roadway flooding, allow water retention in the canal, and improve flood control management within the project area. The project shall be constructed to provide protection against 25-year storm event.

**Project Alternatives:**

The alternatives to the project that have been and will be considered are 1) the no action alternative; 2) optimize the operation of the existing Weir 7 by modifying the timing and duration of the Obermeyer Weir to be fully open and allow flow from upstream to downstream ahead of a 25-year storm event to gain storage volume in the Courtney Canal ; 3) optimize the operation of the existing Weir 7 as described in Alternative 2 and remove concrete blockage from only one 71" x 47" corrugated metal arch pipes. These alternatives to the proposed project are not viable because under Alternative 1) repetitive flooding would not be alleviated and the needs of the community would not

be served; Alternative 2) opening the Obermeyer Weirs ahead of a 25-year storm event would increase the available storage, however, the open weirs would not provide sufficient conveyance capacity during a storm event to reduce flood stages and duration of flooding; Alternative 3) The open Obermeyer Weirs in addition to the removal of the concrete from one of the 71" x 47" corrugated metal pipe arches could provide some benefit but would still not result in sufficient conveyance capacity during the storm event to mitigate flooding.

**Comment Period:**

Comments are solicited from the public; local, state, or federal agencies; and other interested parties in order to consider and evaluate the impacts of the proposed project. The comments should be made in writing and addressed to the Florida Division of Emergency Management, Bureau of Mitigation, 2555 Shumard Oak Blvd., Tallahassee, FL 32399-2100. These are due within 30 days of this notice. The State will forward comments to applicable regulatory agencies as needed. Interested persons may submit comments, obtain more detailed information about the proposed action, or request a copy of the findings by contacting:

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