

Sumter County

Hazard Mitigation Grants

Joint Federal, State, Local Public Notice

The Federal emergency Management Agency (FEMA) and South Carolina Emergency Management Division (SCEMD) have received an application for Federal grant funding through the Hazard Mitigation Grant Program (HMGP). Funding for this grant was made available after the 4241 Presidential declaration was made regarding the flood of October 2015. This historic flooding event affected the state of South Carolina from October 1 to October 5. A stalled front offshore combined with deep tropical moisture streaming northwest into the area, ahead of a strong upper-level, low-pressure system to the west and Hurricane Joaquin to the east. This storm caused severe flooding to the Sumter County area.

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

Applicant: Sumter County

Project Title: Sumter County Casey Villas Project

Project Location: Casey Villas Subdivision

This project will include the installation of an outfall pipe that will be located in close proximity to a wetland system drainage to Lee Swamp. This outfall is required in order to provide flood control from the Casey Villas neighborhood. Final design will limit wetland impacts to the maximum extent practicable.

Project Description:

The existing storm water drainage system for Casey Villa consists of catch basins, reinforced concrete pipes and an infiltration pond. During a rain event this system was intended to collect stormwater runoff in the catch basins and then routed to the infiltration pond through the reinforced concrete pipes. We have found that the flooding occurs when the pond is at full capacity preventing storm water to be store in the pond therefore causing storm water to backup within the roadway. Since this infiltration pond does not have a primary outlet structure, storm water is left ponding within the roadway until stormwater has a chance to infiltrate in the soil

within the pond, which may take days or even weeks depending on the runoff volume. Sumter County is proposing to install an outlet structure within the existing storm drainage system, therefore when the pond reaches a certain water level the storm water has a discharge outlet instead of flooding the roads and possibly adjacent homes. We feel by installing this outlet structure property, public infrastructure and lives won't be at risk of flood water. By implementing this project approximately 32 families will have access in and out of the subdivision and won't be stranded due to impassable roads; Emergency personnel will have the ability to serve those 32 homes; as well several homes and vehicles won't be at risk of flood damage. Being that this is an isolated drainage area there are currently no known hazards that are present.

The County would implement the installation of approximately 810 linear feet of 18" RCP pipe, three junction boxes, one catch basin, and out outfall headwall with riprap protection. This option is preferred because the County has the ability to install this drainage line with less easement acquisition cost and less impact to jurisdiction features. Additionally, this option discharges to a receiving wetland that drains to Lee Swamp.

Alternatives Considered:

A feasible alternative for draining the Casey Villas neighborhood would divert discharge to a Carolina Bay. This alternative is not optimal because this drainage pattern may have adverse impacts to surrounding property in the event of flood events.

Comments Period:

Sumter County will be responsible for facilitating and monitoring the proposed project. Interested persons may direct any comments or questions to Alfred Conyers at aconyers@sumtercountysc.org. These are due within 30 days of this notice.

[include maps of project location]