

**Jefferson Parish, Louisiana
Canal “D” Improvements
Ames Blvd. to B&C Canal**

**Project Description for Final Notice and Public Explanation of a Proposed Activity in
a 100-Year Floodplain**

The project is located in Marrero, LA, at Canal “D”, between Ames Blvd. and the B&C Canal, in Jefferson Parish. See attached maps for project limits and service area. The project is located in a 100-year floodplain in a primarily residential area.

Canal “D” is a main drainage ditch between Ames Blvd. and the B&C Canal that collects storm water from the area and discharges it by gravity into the B&C Canal for further conveyance.

This project includes converting the existing open ditch Canal “D” to a closed culvert, using 60” equivalent diameter Reinforced Concrete Pipe-Arch (RCPA), to increase capacity. A total of approximately 1,145 linear feet of storm drains will be installed. Existing and new outfalls will tie into the new culvert along the length of the project.

Construction work to convert the existing open drainage system to a closed culvert system will include but not be limited to excavation, installation of pipe bedding, piping, drainage structures, backfill, adjustments/offsets/replacements of existing utilities where there may be a conflict with the new drainage work, general site work and related appurtenances and work.

The construction will require excavation which will result in ground disturbance. Once installation is completed, trenches and excavated areas will be backfilled in accordance with Parish design standards.

The improvements will increase the drainage design capacity but will not change the service area. All work will be done in the existing public right of way, which is approximately 35 feet wide. Property acquisition is not required.

During construction, the contractor will be required to maintain temporary erosion control. The contractor will also be required to develop and implement a storm water pollution prevention plan.

During Hurricane Isaac, there was a high rain intensity event, that produced storm water runoff that exceeded the capacity of Canal “D” and resulted in flooding issues. The purpose and need of the project is to improve existing drainage infrastructure to increase the storm water runoff drainage capacity, which will help to reduce flooding and prevent similar negative impacts from occurring during future storm events like Hurricane Isaac. Flooding results in property damage, displacement, and has an impact on public safety and the environment.

The improvements are expected to have a positive impact on the floodplain due to the increased storm water runoff drainage capacity for the service area, which will help reduce flooding. Actual construction of the improvements will take place within a total of approximately 1.01 acres in the 100-year floodplain. (See maps) The project is not located in a wetland.

Jefferson Parish has considered the following alternatives and mitigation measures to be taken to minimize adverse impacts and to restore and preserve natural and beneficial values:

Alternative 1: Locate the Project Outside of the Floodplain: The purpose of the project is to convert the existing open ditch Canal D to a closed culvert, between Ames Blvd. and the B&C Canal to address flooding in the area that occurred during Hurricane Isaac and to prevent similar negative impacts from occurring in future storms. The Canal D ditch is located in a 100-year floodplain, as are large portions of Marrero. The improvements are expected to have a positive impact on the floodplain due to the increased storm water runoff drainage capacity for the service area, which will help reduce flooding. Locating the project outside of the floodplain is not feasible.

Alternative 2: Alternative method to serve the project objective: An alternative method to serve the project objective was also considered. The objective of the project is to reduce flooding in the project area for future storm events like Hurricane Isaac. An alternative explored consisted of a complete re-design and reconstruction of the drainage system where drainage lines are re-routed so that flow is re-directed to other areas and discharge points. It would also require reworking topography and elevations in the area and will likely require drainage pump stations. This would impact more of the floodplain than the proposed project and would not be cost effective.

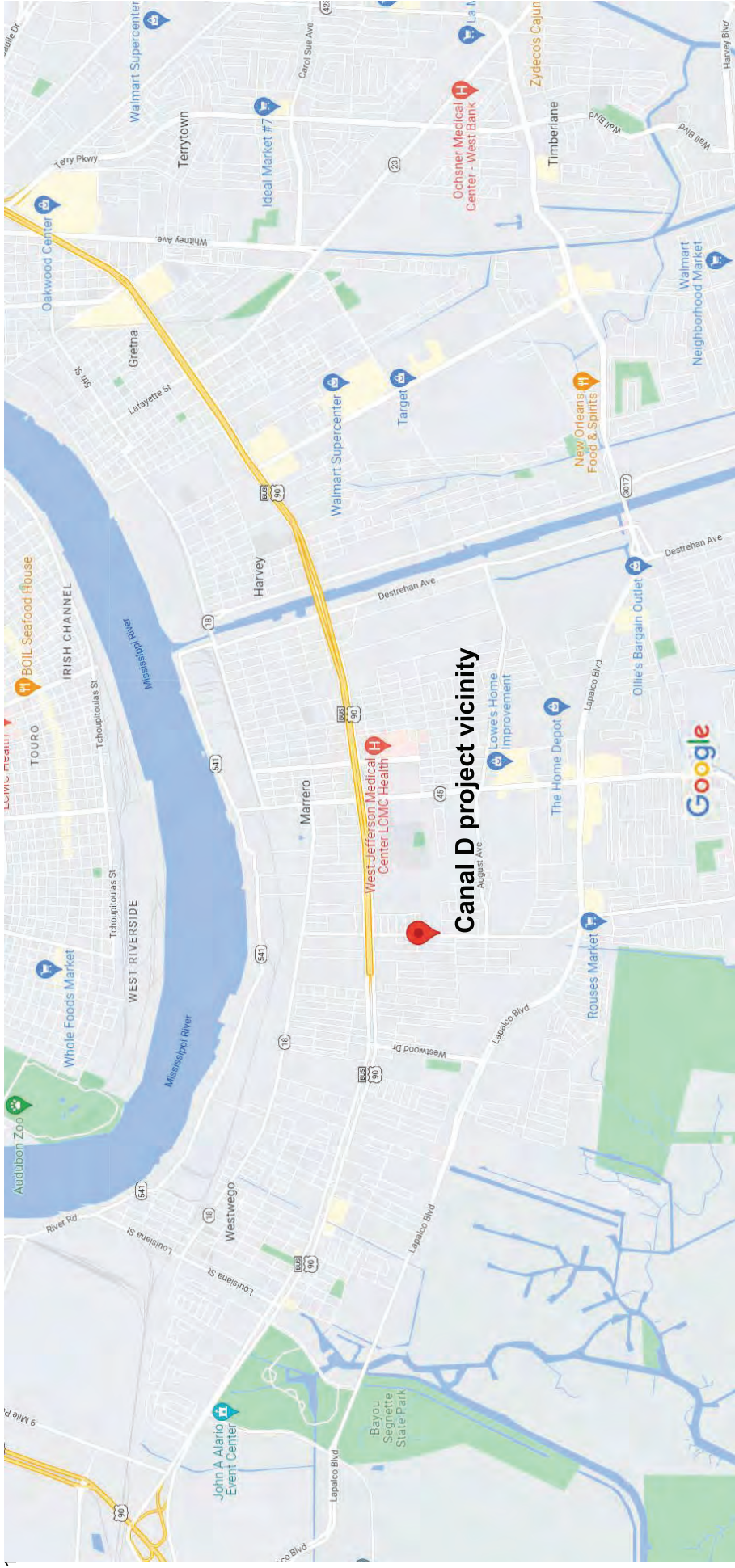
Alternative 3: No Action: If no action is taken, then flooding for future events like Hurricane Isaac will not be addressed and reduced. Therefore, the decision to take no action has been deemed as an unacceptable alternative.

Jefferson Parish has reevaluated the alternatives to building in the floodplain and has determined that it has no practicable alternative. Environmental files that document compliance with steps 3 through 6 of Executive Order 11988, are available for public inspection, review and copying upon request at the times and location delineated in the last paragraph of this notice for receipt of comments.

The estimated total project cost is \$1,922,000.00. It is that \$1,309,802.00 will be funded by the HUD Community Development Block Grant Disaster Recovery Hurricane Isaac Program and \$612,198.00 will be non-HUD funds.

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Google Maps Canal "D" Improvements, Ames Blvd. to B&C Canal



Map data ©2022 Google 2000 ft



Canal "D" Improvements Ames Blvd. to B&C Canal

Red hatched box represents approximate
location of construction area.

