



HARRIS COUNTY
FLOOD
CONTROL
DISTRICT

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INWOOD FOREST STORMWATER DETENTION PROJECT

Find Your Watershed (<https://www.hcfcd.org/Find-Your-Watershed>) / White Oak Bayou (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou>) / Inwood Forest Stormwater Detention Project (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/Inwood-Forest-Stormwater-Detention-Project>)

C-14 Federal Flood Damage Reduction Project (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/C-14-Federal-Flood-Damage-Reduction-Project>)

C-14 Fairbanks-North Houston Stormwater Detention Basin (North) (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/C-14-Fairbanks-North-Houston-Stormwater-Detention-Basin-North>)

C-15 Arbor Oaks Stormwater Detention Basin (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/C-15-Arbor-Oaks-Stormwater-Detention-Basin>)

C-16 Design and Construction of Woodland Trails Stormwater Detention Basin (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/C-16-Design-and-Construction-of-Woodland-Trails-Stormwater-Detention-Basin>)

C-59 Construction of Inwood Forest Stormwater Detention Basin (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/C-59-Construction-of-Inwood-Forest-Stormwater-Detention-Basin>)

CI-011 Feasibility Study Hidden Lake Townhomes (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/CI-011-Feasibility-Study-Hidden-Lake-Townhomes>)

CI-030 Turkey Gully (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/CI-030-Turkey-Gully>)

CI-033 General Drainage Improvements along E105-00-00 (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/CI-033-General-Drainage-Improvements-along-E105-00-00>)

F-09 Little White Oak Bayou Channel Conveyance Improvements (<https://www.hcfcd.org/LittleWhiteOak>)

F-10 Brickhouse Gully (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/F-10-Brickhouse-Gully>)

Inwood Forest Stormwater Detention Project (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/Inwood-Forest-Stormwater-Detention-Project>)

Lower White Oak Bayou Channel Restoration Study (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/Lower-White-Oak-Bayou-Channel-Restoration-Study>)

C-39 North Canal (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/C-39-North-Canal>)

Sign Up for News About White Oak Bayou (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou/Sign-Up-for-News-About-White-Oak-Bayou>)

PROJECT UPDATE (as of April 2020)

Work is moving forward on the Inwood Forest Stormwater Detention Basin Project to meet the target construction start of Spring 2021:

- The Harris County Flood Control District is in the final design stage of this project and will continue to work toward delivering the flood mitigation needed for this area while addressing community concerns.

- The Flood Control District is concurrently following the required process and procedures of the Federal Emergency Management Agency (FEMA) and the U.S. Army Corps of Engineers (USACE) to obtain the necessary permit for the project. The application was submitted by the Flood Control District on January 10, 2020, and could take 12 to 18 months to secure approval, although some permits have been issued sooner.
- The Flood Control District continues to work with the City of Houston and their partners to consider plans for future, yet to be funded, recreational amenities.

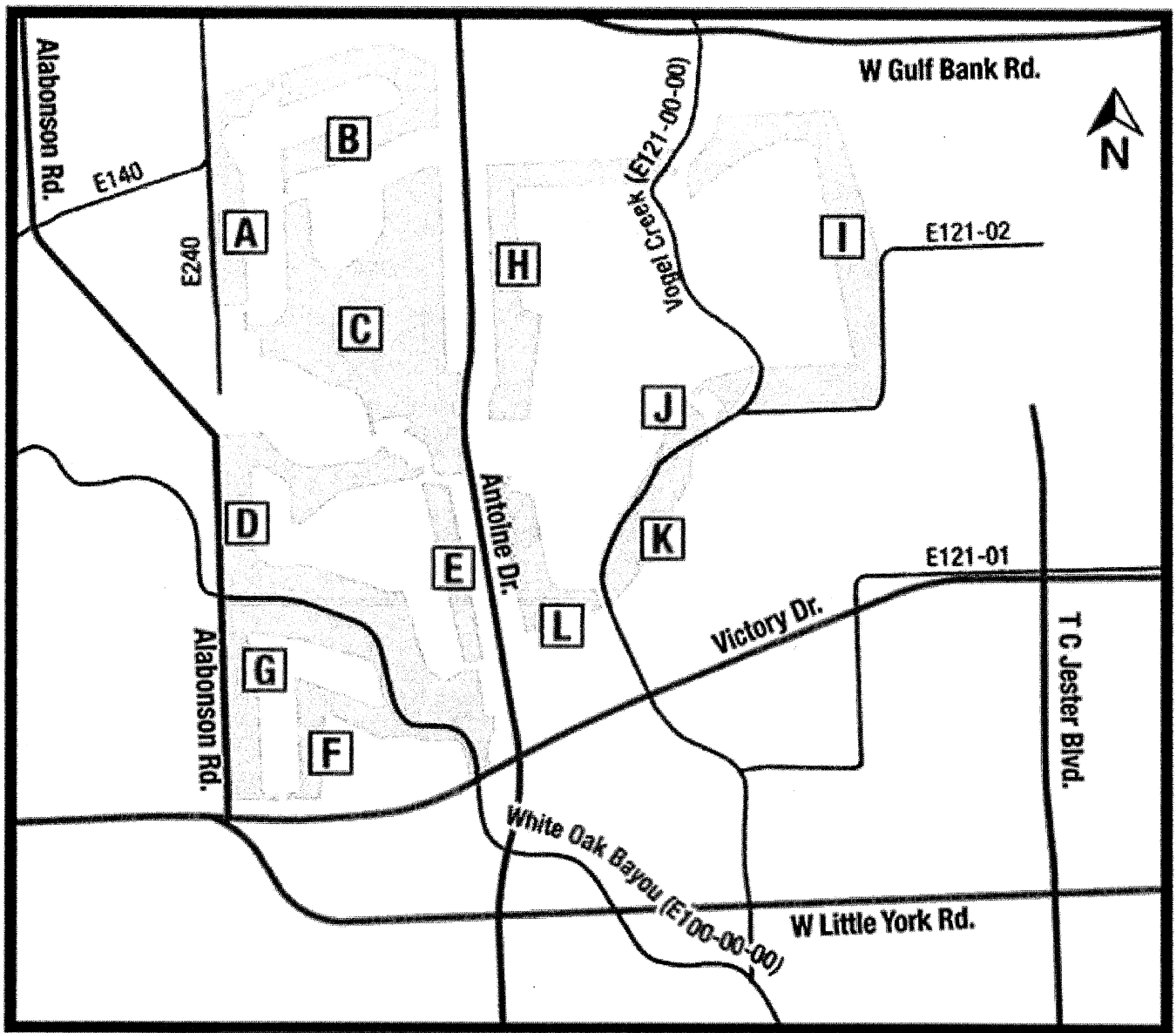
Once it is safe to do so, the Harris County Flood Control District will hold a meeting with the community to provide project updates and seek public input.

PROJECT DESCRIPTION

The Inwood Forest Golf Course, a 226-acre property near Antoine Drive and West Little York, was purchased by the City of Houston in 2011 for approximately \$9 million. A land use agreement stipulates the property may only be used for parkland, recreational and stormwater detention purposes. The property is located in the White Oak Bayou and Vogel Creek watersheds.

In Spring 2020, the City of Houston received a grant to fund the design of stormwater detention basins in all identified areas of the Inwood Forest Stormwater Detention Project. The Harris County Flood Control District supported the grant application effort.

Initial construction of two basins in the area were completed by the City of Houston, and the Harris County Flood Control District previously intended to proceed with construction of the remaining basins in phases. However, because of requirements in the new grant applications, all design and construction will be completed as one project. While funding for the construction stage of the project will still need to be secured, the Harris County Flood Control District is currently working to finalize the design of the project.



The proposed stormwater detention basin project encompasses property located both east of Antoine and west of Antoine, with a total of 12 interconnected stormwater detention basins. During the design stage of the project, community engagement meetings were held for residents to learn about key elements of the project, give input, and have their questions and concerns addressed.

The Harris County Flood Control District is also supporting the efforts of the city to develop plans for proposed recreational areas that could be incorporated into the stormwater detention basins once construction of the basins is complete.

The stormwater detention basins will be built by the Harris County Flood Control District on the former golf course property to provide flood damage reduction benefits during heavy storms and to mitigate impacts of future public City of Houston drainage projects as appropriate.

The basins will vary in stormwater storage capacity, which is measured in acre-feet. The goal for the stormwater storage capacity for all the basins combined is approximately 1,200 acre-feet, for shared use by the Harris County Flood Control District and the City of Houston. One acre-foot is equal to one acre times a one-foot depth, or 43,560 cubic feet (325,850 gallons).

With the addition of recreational amenities, capacity within the basins to hold stormwater typically decreases. Actual storage capacity will be determined once design plans are complete.

In an abundance of caution and in line with other City of Houston and Harris County agencies, the Harris County Flood Control District has suspended all Community Engagement and Public Meetings until further notice. Please continue to check this webpage for updates on future meeting information to update the public on this project.



Take Our Survey

about the Inwood Forest Stormwater Detention Basin Project

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SUBMIT A COMMENT

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H) **Project Areas**



Recreational Opportunities



As owner of the property, the recreational opportunities are being determined by the City of Houston with community input; currently, there is no funding for construction of any proposed recreation.

White Oak Conference Center, formerly the golf course clubhouse, which includes a community center and is managed by the Near Northwest Management District, will remain on the site and operational. Community programs such as First Tee, a youth golfing program, are included in the planning and additional recreation will be designed based on community need.

The largest basin, Basin C, currently is being considered by the City of Houston as a location for First Tee. The White Oak Conference Center is located next to Basin C.

Tree Preservation



COMMUNITY ENGAGEMENT MEETINGS

While the process of securing the federal grant delayed the beginning of construction, it also offered an opportunity for the City and the Flood Control District to hold a series of meetings with the public and other stakeholders to hear their concerns.

The Harris County Flood Control District, along with our partners from the City of Houston and the Houston Parks Board, plan to hold additional meetings in the future with the community, prior to construction of the project.

HOA Meeting Presentation (12/11/19)

On December 11, 2019, the Harris County Flood Control District, along with our partners from the City of Houston and the Houston Parks Board, provided updated information about this project, including 50% design plans, tree and vegetation removal in the immediate area, as well as recreational and amenity concepts that may be considered for the area after construction is completed on the stormwater basins. The meeting was hosted by the Inwood Forest Community Improvement Association and the Inwood Homeowners Association.

PRESENTATION (12/11/2019)

HOA Meeting Presentation (8/14/19)

On August 14, 2019, Harris County Flood Control District leadership, along with our partners from the City of Houston and the Houston Parks Board, presented to the residents of Inwood Forest an update on the Inwood Forest Stormwater Detention Basin Project. The meeting was hosted by the Inwood Forest Community Improvement Association and the Inwood Homeowners Association.

The update included information regarding the August 2, 2019 grant award announcement by the Federal Emergency Management Agency (FEMA) to the City of Houston for funding to cover 75% of the costs for design, and ultimately construction, of the entire project. Residents also were briefed on plans for future recreational opportunities and other Capital Improvement Projects in the area. Additional meetings with the community are being planned and will be posted to this site, as the project progresses.

PRESENTATION (8/14/19)

HOA Meeting Presentation (8/15/18)

On August 15, 2018, Harris County Flood Control District leadership, along with our partners from the City of Houston, presented to the residents of Inwood Forest an update on the Inwood Forest Stormwater Detention Basin Project. The meeting was hosted by the Inwood Forest Community Improvement Association and the Inwood Homeowners Association.

PRESENTATION (8/15/18)

Addicks Reservoir (<https://www.hcfcd.org/Find-Your-Watershed/Addicks-Reservoir>) |

Armand Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Armand-Bayou>) |

Barker Reservoir (<https://www.hcfcd.org/Find-Your-Watershed/Barker-Reservoir>) |

Brays Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Brays-Bayou>) |

Buffalo Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Buffalo-Bayou>) |

Carpenters Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Carpenters-Bayou>) |
Cedar Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Cedar-Bayou>) |
Clear Creek (<https://www.hcfcd.org/Find-Your-Watershed/Clear-Creek>) |
Cypress Creek (<https://www.hcfcd.org/Find-Your-Watershed/Cypress-Creek>) |
Greens Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Greens-Bayou>) |
Halls Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Halls-Bayou>) |
Hunting Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Hunting-Bayou>) |
Jackson Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Jackson-Bayou>) |
Little Cypress Creek (<https://www.hcfcd.org/Find-Your-Watershed/Little-Cypress-Creek>) |
Luce Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Luce-Bayou>) |
San Jacinto River (<https://www.hcfcd.org/Find-Your-Watershed/San-Jacinto-River>) |
San Jacinto & Galveston Bay (<https://www.hcfcd.org/Find-Your-Watershed/San-Jacinto-Galveston-Bay>) |
Sims Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Sims-Bayou>) |
Spring Creek (<https://www.hcfcd.org/Find-Your-Watershed/Spring-Creek>) |

Spring Gully & Goose Creek (<https://www.hcfcd.org/Find-Your-Watershed/Spring-Gully-Goose-Creek>) |
Vince Bayou (<https://www.hcfcd.org/Find-Your-Watershed/Vince-Bayou>) |
White Oak Bayou (<https://www.hcfcd.org/Find-Your-Watershed/White-Oak-Bayou>) |
Willow Creek (<https://www.hcfcd.org/Find-Your-Watershed/Willow-Creek>) |
Subdivision Drainage Projects (<https://www.hcfcd.org/Resilience/Countywide-or-Multi-Watershed/Subdivision-Drainage-Projects>)

Harris County Flood Control District

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(<https://goo.gl/maps/Gsuw2rnebyxpu4fv7>)

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