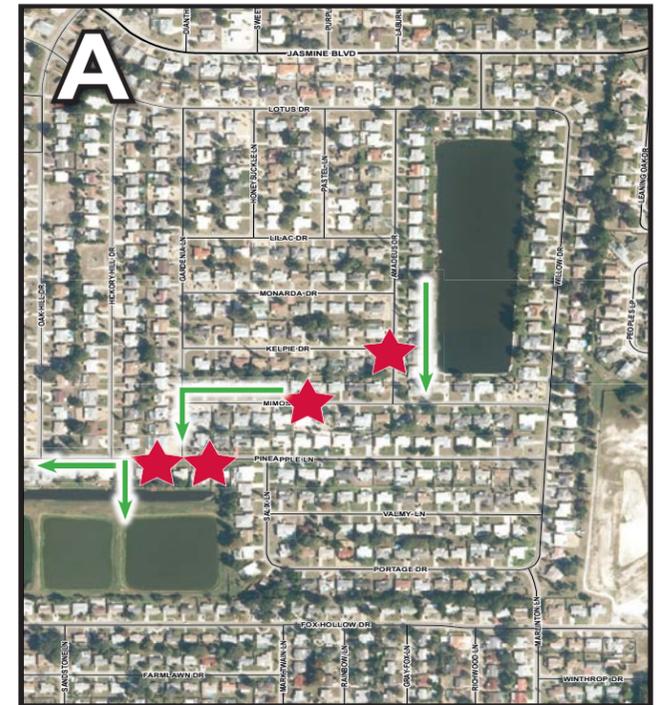
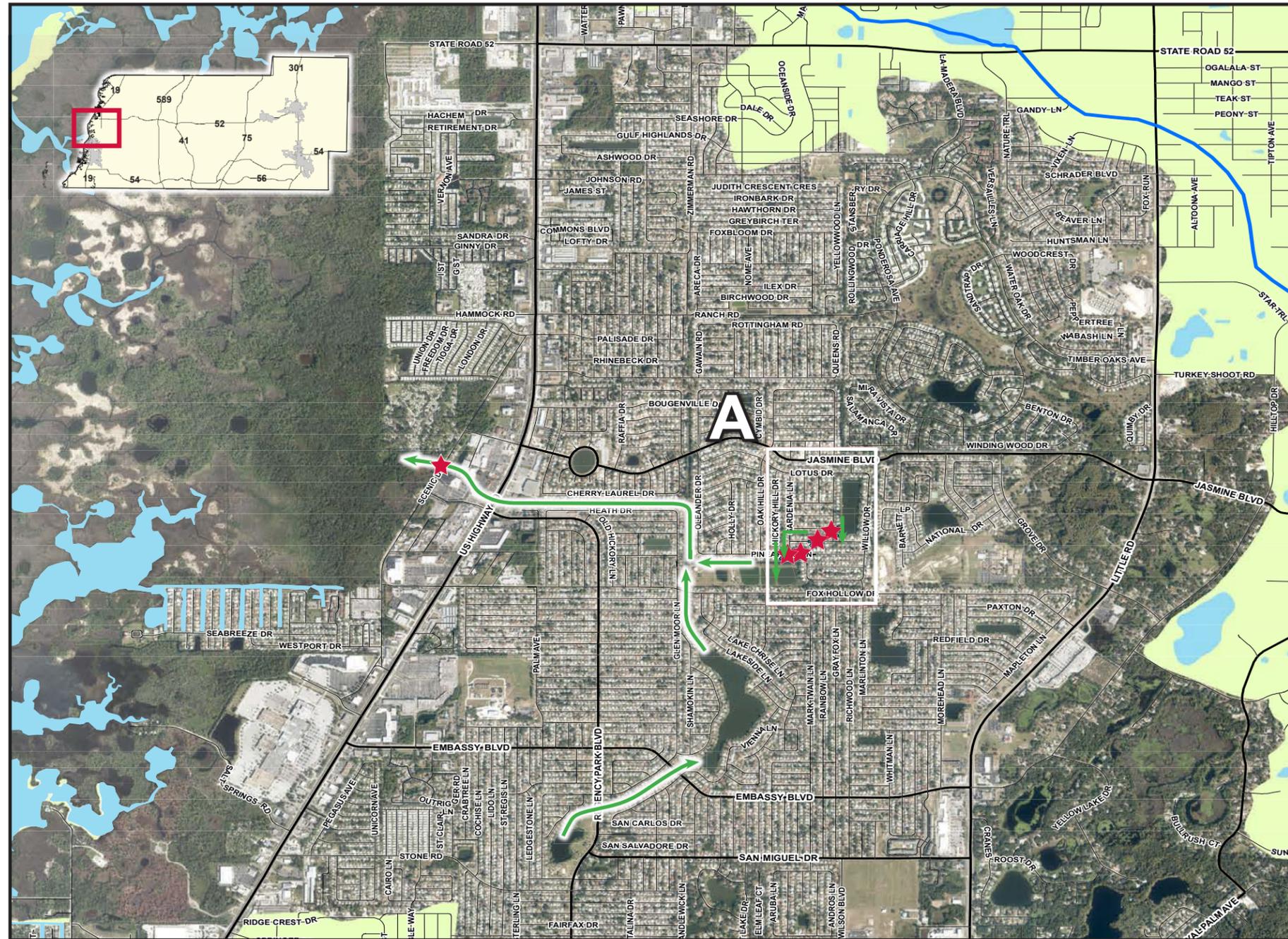




# Double Hammock Watershed/Jasmine Lakes

The Double Hammock Watershed is approximately 13 square miles in size, located north of the City of New Port Richey in unincorporated Pasco County, Florida. The watershed is relatively flat, highly urbanized and features many closed-basin systems. The watershed is generally aligned from southeast to northwest and is bounded by US 19 to the west, Port Richey and Lower Coastal Watersheds to the south and Bear Creek/Pithlachascotee River Watershed to the north and east.



The watershed is generally aligned from southeast to northwest and is bounded by US 19 to the west, Port Richey and Lower Coastal Watersheds to the south and Bear Creek/Pithlachascotee River Watershed to the north and east. The primary drainage system within the watershed is Double Hammock Creek. Double Hammock Creek headwaters near the intersection of Glen Moor Lane and Maplehurst Drive and continuing north to the intersection of Cherry Laurel Drive and Choice Drive, where it turns west crossing US 19 north and eventually transforms into a serpentine channel system and outfalls into the Gulf of Mexico. Road crossings of Double Hammock Creek consist of open culverts and a combined series of control weirs and culverts (i.e. at Fox Hollow Drive). A tributary of Double Hammock Creek conveys flow from Bougenville Drive south to a culvert crossing adjacent to Cherry Laurel Drive and Choice Drive and into the primary system.

The Double Hammock Watershed also includes many closed basins. The watershed was separated into 8 subwatersheds for purposes of modeling.

Due to the overtaxed drainage system four(4) pumps are deployed within the area as shown:

The first pumping operation is located on Amadeus Drive which removes stormwater from the piping system that drains into the retention area and sheet flows it to the drainage piping system on Mimosa Drive.

The second pumping operation is on Mimosa Drive which, when needed will move the stormwater down Gardenia Lane to Pineapple Lane.

The third and fourth pumping operations are on Pineapple Lane. There is a failed culvert pipe located at Pineapple Lane. The pumps bypass the failed culvert to move the water into the discharge canal, that is to the rear of Pineapple Lane, that moves the stormwater under US 19 to the Gulf of Mexico.

An additional operation was set up on Scenic Drive at Cinema Drive to assist the flow of stormwater to the Gulf of Mexico, but was removed once water levels were reduced. This operation requires closer of the road.

