

## 1.0 INTRODUCTION

TTL, Inc. (TTL) was contracted by the Lovell Engineering Associates (LEA) to perform an Aquatic Resources (AR) Delineation associated with the proposed widening of Old Clyattville Road from Gil Harbin Industrial Blvd. to Mud Swamp in Valdosta, Lowndes County, Georgia (Figure 1). The road paving is being performed by the City of Valdosta. TTL conducted the field activities for this project on March 12, 2021.

Activities within jurisdictional Waters of the U.S. (WOTUS) are regulated by the U.S. Army Corps of Engineers (USACE). Authority to permit discharges (fill) within jurisdictional wetlands or non-navigable WOTUS is granted under Section 404 of the Clean Water Act (CWA) of 1972. Authority to permit work and placement of structures in navigable WOTUS is granted under Sections 9 and 10 of the Rivers and Harbors Act of 1899. For regulatory purposes under the CWA, wetlands are defined by the USACE as:

Those areas that are inundated or saturated by surface or groundwater at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs and similar areas.

## 2.0 SITE DESCRIPTION

The roadway project consists of approximately 0.6 miles (3,183 linear feet) located directly adjacent to the Old Clyattville Road corridor. The area is depicted on the U.S. Geological Survey (USGS) 7.5-minute Topographic Map of Valdosta, Georgia (Figure 1). According to the USGS Topographic Map, the elevation at the site ranges from approximately 170 to 210 feet above mean sea level. Figure 2 depicts the USGS Lidar Elevation and Hillshade Map from approximately 170 to 210 ft AMSL.

The Project transverses along Old Clyattville Road from Gil Harbin Industrial Blvd. to Mud Swamp and has an approximate central location of latitude 30.79914 and longitude -83.28845. TTL identified two (2) wetland areas and one (1) ditch feature within the review area. The primary sources of hydrology for the delineation area are rainfall and groundwater. Figure 3 depicts the Site Location and Aerial Photograph.