



4589 Val North Drive
Valdosta, GA 31602
229.244.8619
www.TTLUSA.com

March 15, 2023

Lowndes County Board of Commissioners
Attn.: Mr. Walt DeLoach
P.O. Box 1349
Valdosta, GA 31602

P: (229) 561-3666
E: wdeLoach@lowndescounty.com

Re: Heavy Duty Concrete Pavement Section Recommendations
Lowndes County – US Highway 84 Fire Station
Valdosta, GA
TTL Job No: 23-07-00986.00

Dear Walt:

As requested, TTL, Inc. has completed a pavement analysis for the above referenced project in Valdosta, Georgia. The purpose of our work was to review client provided information and our prior field exploration data; and recommend a new rigid, heavy duty concrete pavement section for the existing facility. TTL's scope of work did not include evaluation of the current subgrade conditions (i.e., any changes in site conditions since the time of our previous work) or potential environmental hazards. The following letter discusses our understanding of the project, the existing site conditions, and our pavement recommendations.

PROJECT INFORMATION

The project site is located at the existing fire station off U.S. Highway 84, just east of Inner Perimeter Road in Valdosta, Georgia. Based on our conversations and visual observations, the existing asphaltic concrete pavement adjacent to the truck bays is showing signs of settlement and/or fatigue. We understand Lowndes County is exploring options to upgrade their heavy-duty pavement section in the truck lane areas of the facility.

EXISTING SITE CONDITIONS

Currently, the facility contains asphaltic concrete pavement sections within the parking and truck lane areas. Based on a prior request from Lowndes County, pavement conditions were evaluated during a site visit on October 21, 2020. During this site visit, a total of two cores were obtained from the existing