

A038 ENGR

**Evaluation of Operational Deficiencies of Signalized Intersections Around TSU Campus
for Emergence Evacuation**

Abstract

Tennessee State University is an urban located institution which is surrounded with many transportation facilities. One of the use of these facilities is when there is a need for emergency evacuation incase something urgent happens within the campus. This project therefore focuses on the signalized intersections surround the campus and how they can be utilized during emergency evacuation. Specially the study analyses the performances in terms of delays, queuing and level of services at these intersections during emergency evacuation (worst case scenario of traffic flow). Specifically the intersection in focus are 28th ave & Albion st; Walter Davis & 39th ave; Jefferson st & 28th ave; Ed Temple Blvd and Heiman St and Walter Davis & Ed Temple.