



T e c h n i c a l M e m o r a n d u m

Date October 2008

Project Tennessee State University Campus Master Plan

Subject 4. Future Campus Requirements
 4.5 Utility Infrastructure Requirements
 4.5.3 Sanitary and Storm Sewer

From Barge Cauthen Associates

To Tennessee State University

The objective of this work is to address the future campus infrastructure growth needs.

1. SANITARY SEWER

Introduction

The Tennessee State University (TSU) sanitary sewer system analysis looks at present infrastructure conditions and proposed Master Plan campus flow characteristics and capacities. This analysis is used to identify system vulnerabilities that exist in terms of condition and capacity and propose possible future improvements to alleviate problems arising from these vulnerabilities. As in the Existing Campus Conditions section of this Utility Master Plan, the sewer system analysis includes both the public and private portions of the sanitary sewer systems.

Analysis

All standard building improvements (sanitary sewer service lines) necessitated by TSU capital improvement projects are assumed to be designed and financially planned for within the associated project schedule and budget. Therefore these proposed improvements and their corresponding costs have not been included in this Master Plan.

2. STORM SEWER

Introduction

The Tennessee State University (TSU) storm sewer system analysis looks at present infrastructure conditions and proposed Master Plan campus flow characteristics and capacities. This analysis is used to identify system vulnerabilities that exist in terms of condition and capacity and propose possible future improvements to alleviate problems arising from these vulnerabilities. As in the Existing Campus Conditions section of this Utility Master Plan, the sewer system analysis includes both the public and private portions of the storm sewer system.

Analysis

All standard building improvements (storm sewer service lines) necessitated by TSU capital improvement projects are assumed to be designed and financially planned for within the associated project schedule and budget. Therefore these proposed improvements and their corresponding costs have not been included in this Master Plan.