

DIVISION 34 – Transportation

34 41 00 Transportation Signaling and Control

34 41 13 Traffic Signals

1. All traffic signal repairs, upgrades, etc. will be coordinated with Clemson University [Utilities Services](#).

34 41 16 Traffic Control Devices

1. Provide all necessary barricades, flagmen, or other traffic control devices in accordance with the most current Manual on Uniform Traffic Control Devices, Section 600 of SCDOT's Standard Drawings, and any University approved project specific traffic control plans to prevent injury to people or damage to adjacent property or facilities. This protection includes the existing landscape and plantings.
2. Provide protection for people and pedestrian traffic around the construction area.
3. Do not close or obstruct adjacent streets and pedestrian walkways without permission from the project manager.
4. Promptly repair, or remove and replace, project components, damaged utilities and owner's property, that are broken, defective or that do not comply with requirements in this Division as directed by the project manager at no additional expense to the owner.
5. All traffic calming devices, both temporary and permanent, such as speed bumps, speed tables, delineators, etc. shall be approved by the Clemson University Fire Marshal or Fire Code Official prior to installation.

34 71 00 Roadway Construction

34 71 13.16 Vehicle Crash Barriers

1. All traffic guardrail installations shall be approved by [University Planning](#) prior to installation.
2. Unless otherwise specified, all installations shall be installed in accordance with the current SCDOT Standard Drawings and to include the following:
 - Powdercoated w-beam or thrie beam rails as deemed necessary.
 - Metal support posts
 - Energy dissipating leading end treatments

Rounded trailing end treatments