

## 29.44 TRAFFIC SIGNALS AND CONSTRUCTION ZONES

### 29.44.010 Installation/Relocation of Traffic Signals

New traffic signal installations and relocations of existing signal equipment may be required in the developer's public improvement agreement. New signals will be installed only when warranted as specified in the [MUTCD](#) and when the new signal will not have a detrimental effect on the traffic flow. The need for a traffic signal will be addressed in the Transportation Impact Studies (see Chapter 29.08) and be designed in accordance with the criteria in GJMC 29.28.130.

The installation, modification or relocation of a traffic signal must follow the specifications defined in the City of Grand Junction Traffic Signal Specifications document.

### 29.44.020 Signal Design Plans

Signal design plans shall be submitted as part of the development plans. The design of the traffic signal shall follow the [ITE Manual of Traffic Signal Design](#) and the [MUTCD](#) standards. The signal design shall follow the Traffic Signal Specifications of the City.

Signal design plans shall contain all necessary information. Typical traffic signal installation and design details are included in the City of Grand Junction Traffic Signal Specification.

New signals or improvements to existing signals shall be required to install conduit for fiber optic cable and all necessary fiber optic equipment to connect to adjacent signals on streets as shown on the Signal Communications Plan.

### 29.44.030 Traffic Control Plans for Construction Zones

All maintenance of traffic plans for construction areas shall be submitted to and approved as part of the permitting process for work in the public right of way. All plans shall conform to the [MUTCD](#) and be prepared by a certified traffic worksite supervisor. On State Highways, the [Colorado Department of Transportation](#) shall approve work area traffic control signing and detour plans.