



## Drainage Study and Traffic Study - Planning Applications

For use with Planning Applications where a Drainage Study or Traffic Study is required. Also see Preconsultation Submittal Requirement Form, Scope Approval Forms, and the Preconsultation Process overview for more information.

### Sealing Requirements

Drainage Studies and Traffic Studies shall be considered final and signed and sealed by an Engineer, Surveyor, or Architect, as appropriate, at time of initial application submittal.

### Drainage Study

#### Applicability

In general, any project (new, redevelopment, or significant remodel) that alters stormwater drainage from existing conditions, including increasing impervious area, shall be required to evaluate the changes in a drainage report including a Stormwater Quality Plan. Existing sites undergoing redevelopment or remodel that do not alter storm water drainage are required to prepare a storm water quality plan to upgrade the site to meet current storm water quality requirements.

See Section 5.3, Stormwater Planning and Submittals, for further guidance. These criteria shall be followed for every drainage design and drainage study submitted within the City of Steamboat Springs. US 40 (Lincoln Avenue) is a state highway and design of any drainage facilities on or affecting US 40 must conform to the Colorado Department of Transportation (CDOT) requirements.

See [Engineering Standards Chapter 5—Drainage Criteria](#) for specific requirements.

### Traffic Study

#### Applicability

- Daily trip generation is 50+ trips, or
- 10+ peak hour trips, or
- Auxiliary lanes or signal upgrades may be needed, or
- Project study area includes an intersection with planned improvements (see section 6.2.1 for list of intersections), or
- Projects where site traffic increases by 10% or more, or
- Site-specific traffic issues that require evaluation, or

- Individual sites smaller than the trip generation criteria that are part of a larger development

## **What to Submit**

For Planning Application types that require a Traffic or Drainage Study, either a study or waiver is required to be provided. In an effort to appropriately calibrate the extent of or need for any study, a Preconsultation application is required first. The outcome of the Preconsultation application review process is either a scope approval form, to inform the study, or an approved waiver.

Upload the study, including the approved scope form, or approved waiver with Planning Application types that require a Traffic or Drainage Study.

## **Scope Approval Form**

Drainage Studies and Traffic Studies require an approved study scope prior to preparation. The process for submitting and receiving approval of a study scope is to submit a Planning Preconsultation application through the CityView portal. Each study type is a separate Preconsultation application. Include the approved scope form with the complete study.

## **Preconsultation Submittal Requirement: Scope Approval**

Refer to City Engineering Standards. Complete the appropriate Scope Approval Form including a concept site plan for the development. Include additional relevant attachments. Combine all information into one document.

OR

## **Waiver Request**

Some proposals may not necessitate one or more of the required technical studies. After reviewing the study requirements, if the Project Engineer determines a study may not be required, a waiver may be requested. The process for submitting and receiving approval of a waiver is to submit a Planning Preconsultation application through the CityView portal. Each waiver request is a separate Preconsultation application.

## **Preconsultation Submittal Requirement: Waiver Request**

Provide a narrative describing the proposed project including justification of requested waiver based on specific sections in the City Engineering Standards and Utility Standards. Include a concept site plan for the development and additional relevant attachments. Combine all information into one document. Do not submit the old submittal waiver request forms.

