



CDOT Traffic Assessment Levels

Section 2.3(5) of the “State Highway Access Code” (SHAC) specifies the thresholds and general requirements of a traffic impact study (TIS). A TIS is required when the proposed land use will generate a Design Hourly Volume (DHV) of 100 vehicles or more, or when considered necessary or desirable by CDOT. This document is supplemental to the SHAC and describes three (3) levels of traffic assessments and the associated requirements for each.

The permit applicant should contact the appropriate CDOT Region to determine the appropriate traffic assessment level and the specific requirements for each application. Level 2 and 3 traffic assessments are required to arrange a pre-application meeting to discuss requirements and agree on a proposed methodology. The contact information for CDOT Regions’ access permit is listed at the end of this document.

Sections below list and summarize the CDOT Traffic Assessment Levels. For guidance on the content required for each Traffic Assessment Level, refer to *Table 1* in the “Traffic Assessment Guidelines” for CDOT Access Permits document.

Level 1 – Trip Generation Assessment (TripGen)

The purpose of a Level 1 Assessment is to document the project trip generation and to confirm if auxiliary turn lanes are not required at the proposed access point. A Level 1 Assessment is required for **all projects that generate less than DHV of 10 Passenger Car Equivalents (PCEs) at both the construction and after build-out**. For example, a single-family home usually generates one trip in the peak hour, so a project with nine or fewer homes would fit into this category. It is unlikely that any commercial or industrial development would fit into this category.

Level 2 – Auxiliary Turn Lane Assessment (TurnLn)

The purpose of a Level 2 Assessment is to document the project trip generation and to determine auxiliary turn lane requirements at the proposed access points within the immediate study area. The results of this assessment may reveal that no additional turn lanes are needed. The assessment may also reveal that a Traffic Impact Study is necessary (see Level 3), as determined by CDOT. It is strongly recommended that all assumptions be confirmed with the CDOT traffic engineer prior to completing the assessment. A Level 2 Assessment shall be required for **all projects that generate between 10 and 99 DHV trips in the peak hour**. A Professional Engineers seal is required for all traffic assessment submissions.

Level 3 – Traffic Impact Study (TIS)

The purpose of a Level 3 assessment or Traffic Impact Study (TIS) is to understand the full traffic impact of the proposed development, and to identify traffic mitigation measures. A TIS is **required when the proposed land use will generate a DHV of 100 vehicles or more, or when considered necessary or desirable by CDOT**. A Professional Engineers seal is required. It is strongly recommended that all assumptions be confirmed with the CDOT traffic engineer prior to completing the study.



CDOT Regions Access Permitting Contact Information:

- R1 access permitting (303-512-4272)
steven.loeffler@state.co.us
2829 W. Howard Pl., 2nd Floor, Denver, CO 80204
- R2 access permitting (719-562-5540)
cdot_r2_permits_access@state.co.us
5615 Wills Blvd, Suite A, Pueblo, CO 81008
- R3 access permitting (970-683-6284)
Brian.killian@state.co.us
222 South Sixth St, Room 100, Grand Junction, CO 81501
- R4 access permitting (970- 302-4022)
timothy.bilobran@state.co.us
10601 W. 10th St., Greeley, CO 80634
- R5 access permitting (970-385-3626)
cdot_region5accesspermits@state.co.us
3803 N. Main Ave, Suite 100, Durango, CO 81301