

obtained at: <https://ecommerce.ite.org/IMIS/ItemDetail?iProductCode=IR-016L>. Cost: \$2501,395.

70:09:01:07. Traffic impact study requirement. The area engineer may require a traffic impact study with any application for access to a property that will generate 100 or more peak hour trips. The area engineer shall determine the scope of the study, considering probable operational and safety impacts to the general street system. The study shall determine what improvements may be necessary to maintain arterial level of service "C", as defined ~~by Exhibit 15-2~~ in the **Highway Capacity Manual, ~~2000 edition~~ Seventh Edition**, under the traffic conditions expected with the proposed development under consideration. A professional engineer with specific experience in traffic operations analysis shall perform the study. The study shall be sealed by a South Dakota registered professional engineer. The study shall examine the functional relationships among existing, planned, and potential access points and shall use policies and design manual standards and guidance jointly determined by the department and the applicant.

Source: 29 SDR 66, effective November 18, 2002.

General Authority: SDCL 11-3-12.2.

Law Implemented: SDCL 11-3-12.2.

Reference: **Highway Capacity Manual, ~~edition 2000~~ Seventh Edition**, Transportation Research Board of the National Academies of Sciences, Engineering, and Medicine, 2022, Lockbox 289, Washington, D.C. 20055, (202) 334-3213, Copies may be obtained at: <https://nap.nationalacademies.org/catalog/26432/highway-capacity-manual-7th-edition-a-guide-for-multimodal-mobility>. Cost: ~~\$120~~250.