



Memorandum

Date: August 12, 2022

To: PWE Development Review and BPS PW Review Staff

From: Jenifer Willer, PE, City Engineer 
Jenifer Willer (Aug 12, 2022 08:30 PDT)

Subject: SDC Methodologies Appendix B: Transportation SDC Section 4.2 "Assigned Trip Generation Rates"

Background

As described in Section 4.2 of the Transportation SDC System Specific Methodology and Details, the standard practice in the transportation industry is to use information contained in the Trip Generation Manual, as published by the Institute of Transportation Engineers (ITE) to calculate the SDCs for individual developments.

Per the Transportation SDC Methodology Section 4.2:

Except when the City Engineer has approved an applicant's election to use the Alternate Trip Generation Calculation method or an alternative pass-by adjustment, the City Engineer shall apply rates included in the Transportation Trip Rates table, Table B-9, which is located in Appendix F. Descriptions for the land use categories included in Table B-9 are included in Appendix A and are based upon ITE land use categories. A land use category may be assigned by the City Engineer should a proposed use not be accurately represented by one of the published transportation use codes. In addition, trip rates for published use codes may be alternatively assigned as best available information in the case that a revised ITE trip rate is published prior to an administrative modification to the Transportation Trip Rates Table (Table B-9).

The ITE Transportation Trip Rates in Table B-9 are currently based on the 9th Edition of the ITE Trip Generation Manual. In 2018, ITE issued a 10th Edition. The 10th Edition was observed to significantly expanded multimodal data, including walk, transit, bicycle, and truck data; as well as add new land uses. In September 2021, ITE released the 11th Edition of the Trip Generation Manual. This new edition updates the 10th Edition by providing the latest multimodal trip generation data for urban, suburban, and rural locations. Staff frequently receive requests to use the more current version as having more representative use categories.

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Policy Directive

The City will use the ITE Trip Generation Manual 11th edition instead of Table B-9 whenever:

- The 11th edition includes a description of the proposed use that is clearly more accurate than any description shown on Table B-9; or
- Table B-9 has an accurate description of the proposed use, but the 11th edition has a different number (a.k.a. better information) for “Trip Rate,” “% Pass-by,” or “Adjusted Trip Rate” than is shown Table B-9

Proposals to use an Alternate Trip Generation Calculation method or an alternative pass-by adjustment will continue to be reviewed on an individual project basis.