



TRANSPORTATION
AND TRANSIT
DEPARTMENT

August 31, 2023

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Subject: Traffic Impact Analysis Procedures and Requirements
Proportionate Share Interpretation

To Whom It May Concern:

Osceola County's recently adopted Traffic Impact Analysis Procedures and Requirements are intended to provide guidance to Development applicants in the drafting, submission, and review process associated with Traffic Impact Analyses (TIAs). Included in these Procedures is Appendix C, "Proportionate Share Equation." The intent of this notice is to clarify the equation for application to different scopes of work.

Steven Kane, PE
Director

For proportionate share calculations on segments, the formula will remain unchanged. For intersection proportionate share analysis, where some movements may receive benefit from improvements while others may not, "total" trips will be clarified. For intersection improvement projects, including, but not limited to, all-way stop installation and traffic signal installation, the following formula will apply:

Nicholas W Hartley, PE
Assistant Director

Joshua DeVries, AICP
Transportation Planning

$$\text{Proportionate Share (\%)} = \frac{\text{Project Trips}}{\text{Total Critical Projected Trips}} * 100$$

Ghassan Choueiry, PE
Transportation Engineering

"Total Critical Projected Trips" will be the sum of all trips benefiting from the improvements at the build-out condition in either the AM or PM peak hour, whichever is greater, except for Developments with peaks outside the standard AM and PM peaks. In those instances, the peak hour of the generator shall be used for calculation purposes.

Rene LaPorte
Construction

As an example, the critical projected trips at an intersection where signalization is proposed would be the sum of the major approach left-turn and minor approach through and left-turn volumes. Minor approach right-turns would be considered on a case-by-case basis. Major approach through and right-turn movements are potentially negatively impacted in this example and therefore may not be included in the proportionate share calculation.

Gary Yeager
Traffic Operations

The County Traffic Operations Engineer will determine major and minor approaches, critical movements, and provide any clarification as needed.

Sincerely,

Nicholas Hartley, P.E.
Assistant Director – Transportation and Transit