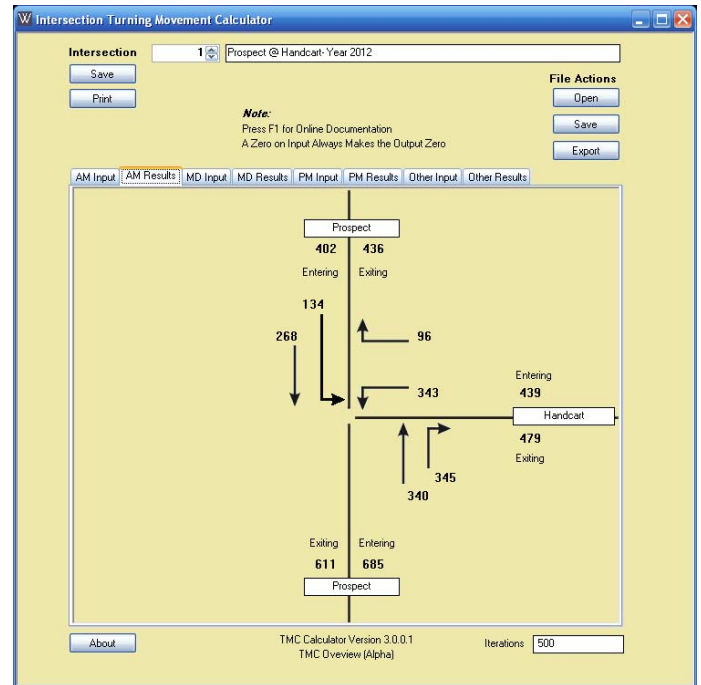


TURNING MOVEMENT CALCULATOR

Version 3.0

software

Turning Movement Calculator (TMC) is a tool designed to help transportation professionals forecast intersection turning movements for up to four unique time periods using a combination of available (and often limited) traffic counts, roadway forecasts and/or intersection turn percentages. TMC uses an Iterative Proportional Fitting (IPF) technique that accepts reasonable input values to forecast the most likely turning movements, which may be saved and stored for later retrieval and exported into a comma-separated values (CSV) format for additional analysis and reporting using other popular systems (e.g., Highway Capacity Software® (HCS), Microsoft Excel®, Microsoft Access™, SPSS®, SAS®, etc.).



Windows® User Interface

FEATURES

- Uses Iterative Proportional Fitting (IPF) technique to calculate expected values
- Stores intersection data for four time periods in a single database (3 or 4 legs per intersection)
- Accepts input (seed) turning movements values as absolute values, relative values or percentages
- Allows specific turning movements to be fixed while solving non-fixed traffic volumes
- Completes calculations in seconds
- Controls all outputs to match traffic entering each intersection leg
- Saves or modifies all outputs for use as inputs in additional calculations
- Exports to comma-separated values (CSV) format

BENEFITS

- Increases productivity, reduces project costs and eliminates calculation errors
- Provides a consistent process that can be used to support single- or multi-corridor traffic studies or small to large-scale traffic impact analyses
- Supplies transparent, defensible traffic smoothing calculations and results
- Allows additional analysis and reporting using other popular systems (e.g., Highway Capacity Software® (HCS), Microsoft Excel®, Microsoft Access™, SPSS®, SAS®, etc.)

SYSTEM REQUIREMENTS

Windows XP® or Vista® (min. resolution 1024x768)



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