**FORM 8-B**

**TRAFFIC WORKSHEET FOR SMALL PROJECTS**
(To Be Completed by the Engineering Department)

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**Steps to Determine Peak Hour Trips by Direction**:

**1. Identify the Directly Accessed Facility.**

_____
(Facility ID)

_____

**2. Identify the direction factor for each directional link.**

_____ _____
(Direction) (Direction Factor)

_____ _____
(Direction) (Direction Factor)

**3. Calculate the peak hour vehicle trips generated by the proposed project.**

a. Land Use Category: _____

b. Calculate the number of peak hour trips using the trip rate value or the regression equation: (whichever is highest)

i. Using the peak hour trip rate:

Number of Project Units _____ X Peak Hour Trip Rate _____

= _____ Peak Hour Trips.

ii. Using the regression equation: Substitute X into the regression equation and solve for the Peak Hour Trips (T).

Number of Project Units (X) _____ generates _____ Peak Hour Trips (T).

c. _____ Peak Hour Trips (calculated in Step 3b) X

Percent New Trips Factor _____

= _____ Peak Hour Trips (“New Trips”).

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4. **Identify the greater of the two: the number of vehicle trips entering or exiting the site during the peak hour.**

   (%) of trips exiting the site: _____

   (%) of trips entering the site: _____

   Greater Percentage _____ X _____ Peak Hour "New Trips" (Step 3c)

   = _____ Peak Hour Trips.

5. **Identify the peak hour trips the project will add to each directional link on the Directly Accessed Segment.**

   Direction _____:

   _____ Direction Factor (Step 2) X _____ Peak Hour Trips (Step 4)

   = _____ Peak Hour Trips by Direction.

   Direction _____:

   _____ Direction Factor (Step 2) X _____ Peak Hour Trips (Step 4)

   = _____ Peak Hour Trips by Direction.

6. **Concurrency Determination Volume.**

   Facility ID _____:

   _____ + _____ + _____ = _____
   (Existing Traffic) (3 Year Background Growth) (Project Traffic) (Total Traffic)

7. **Concurrency Satisfied?**

   Facility ID _____:

   Total Traffic _____ ≤ 100% of MSV _____ Yes ☐ No ☐

   <u>If no, Minor TIA will be required.</u>