

Figures

Figure 1: Study Area

The Study Area shall include: 1) all access points to the proposed development, 2) all access points adjacent to the proposed access points on both sides of the street and 3) the first controlled access points on the adjacent roadway network in all directions, within 1 mi in any direction along the adjacent roadway network. Show distances between access points and intersections and control types.

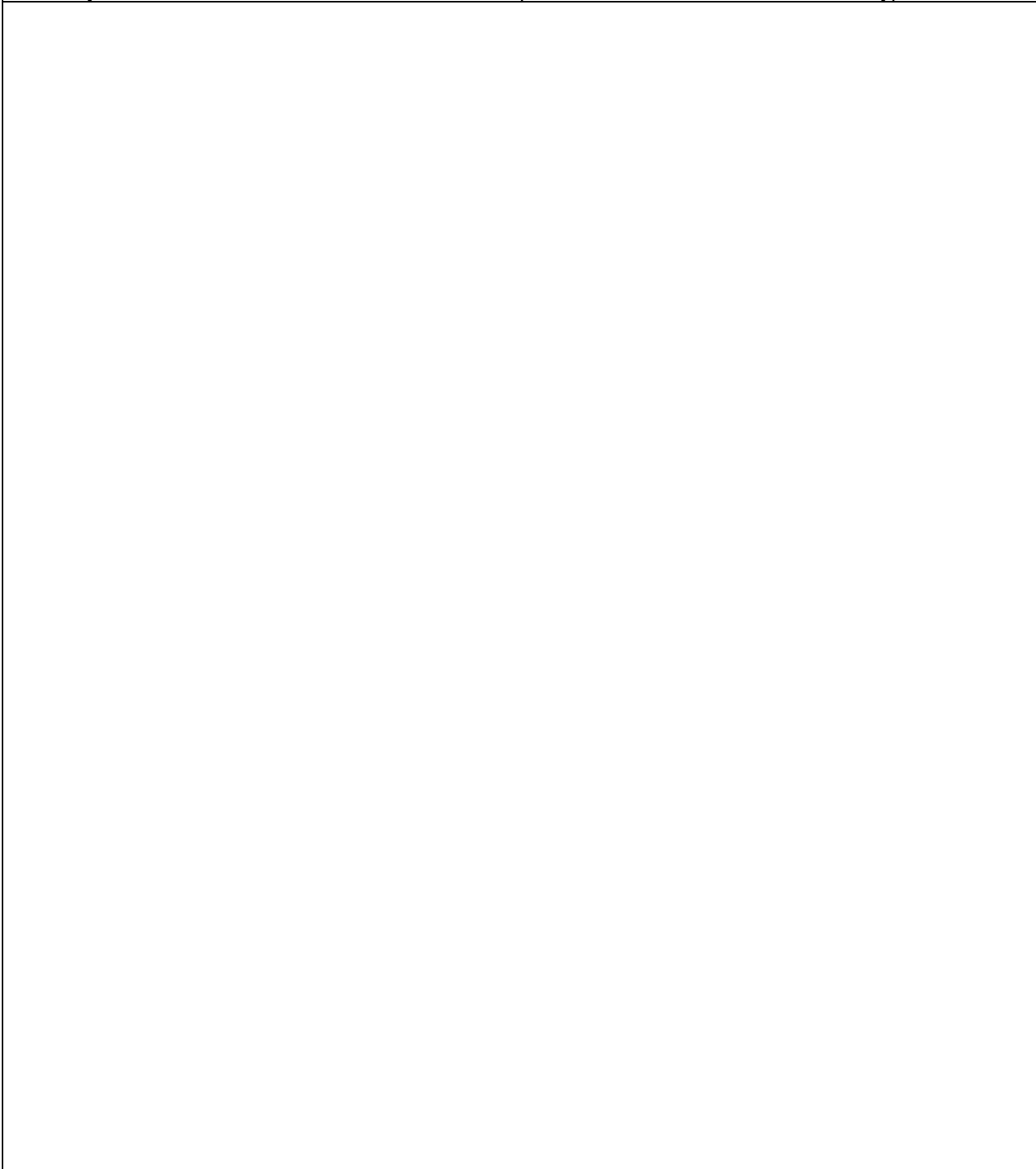


Figure 2: Roadway Map

The Roadway Map shall show all analyzed roads and intersections and include: 1) road functional classification, 2) speed limit, 3) intersection control type, 4) number of lanes and devotion, 5) storage length.

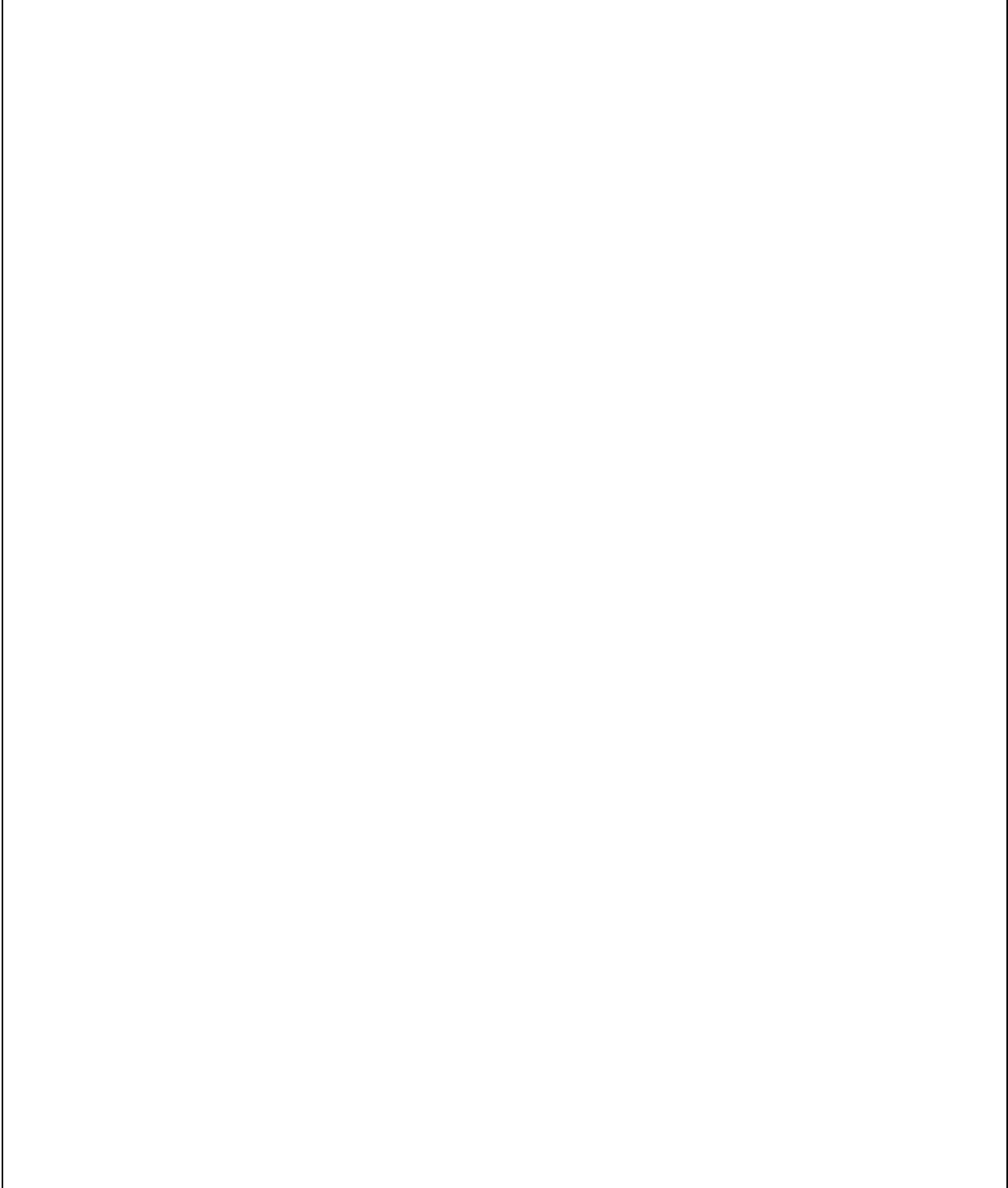


Figure 3: Existing Volumes- A.M. Peak

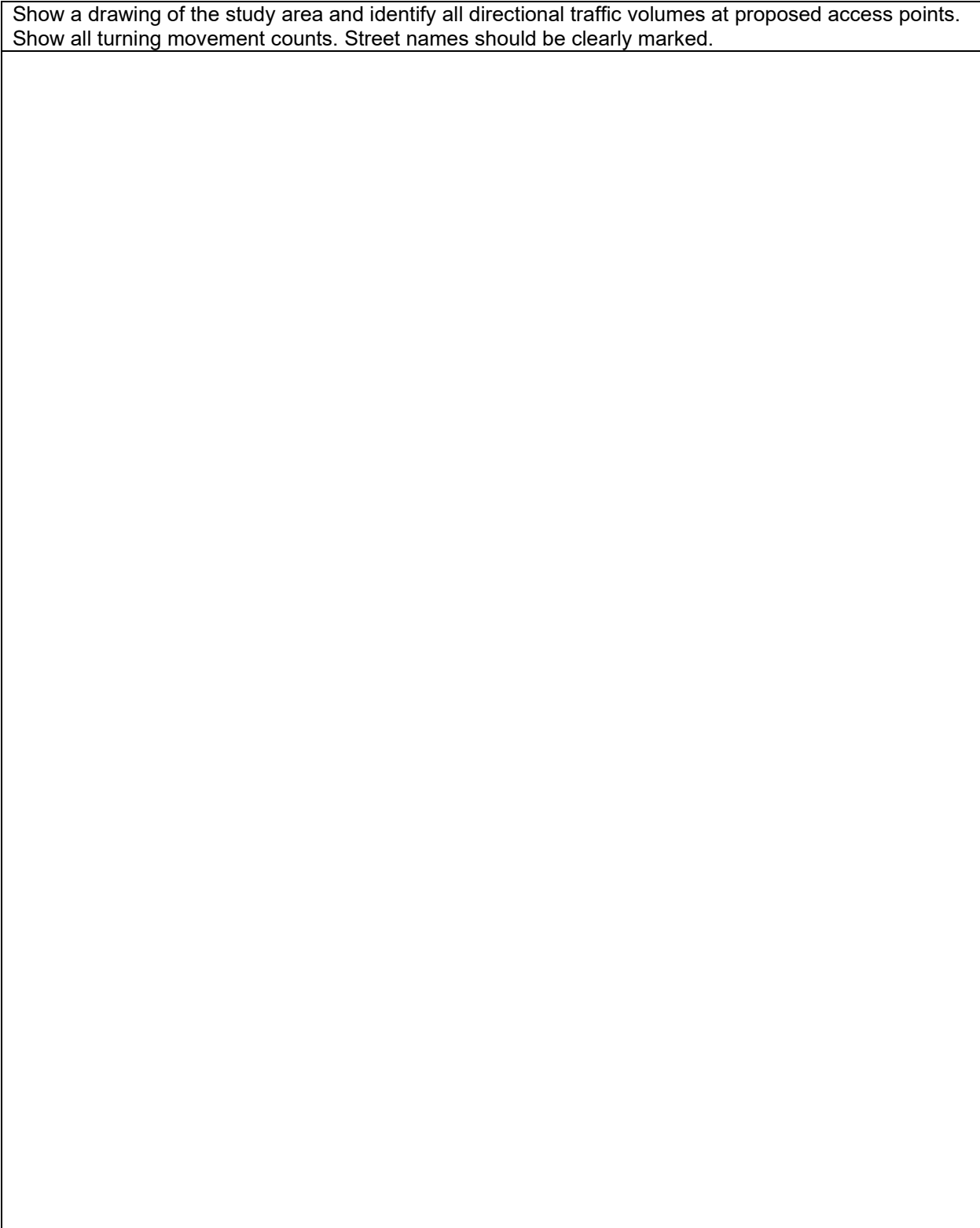


Figure 4: Trip Distribution- Entering A.M. Peak

Show a drawing of the study area and show entering trip distribution (as a percent). All trips should be traced back through system proportionate to turning movement counts. Site entering trips should be consistent with site trip generation.

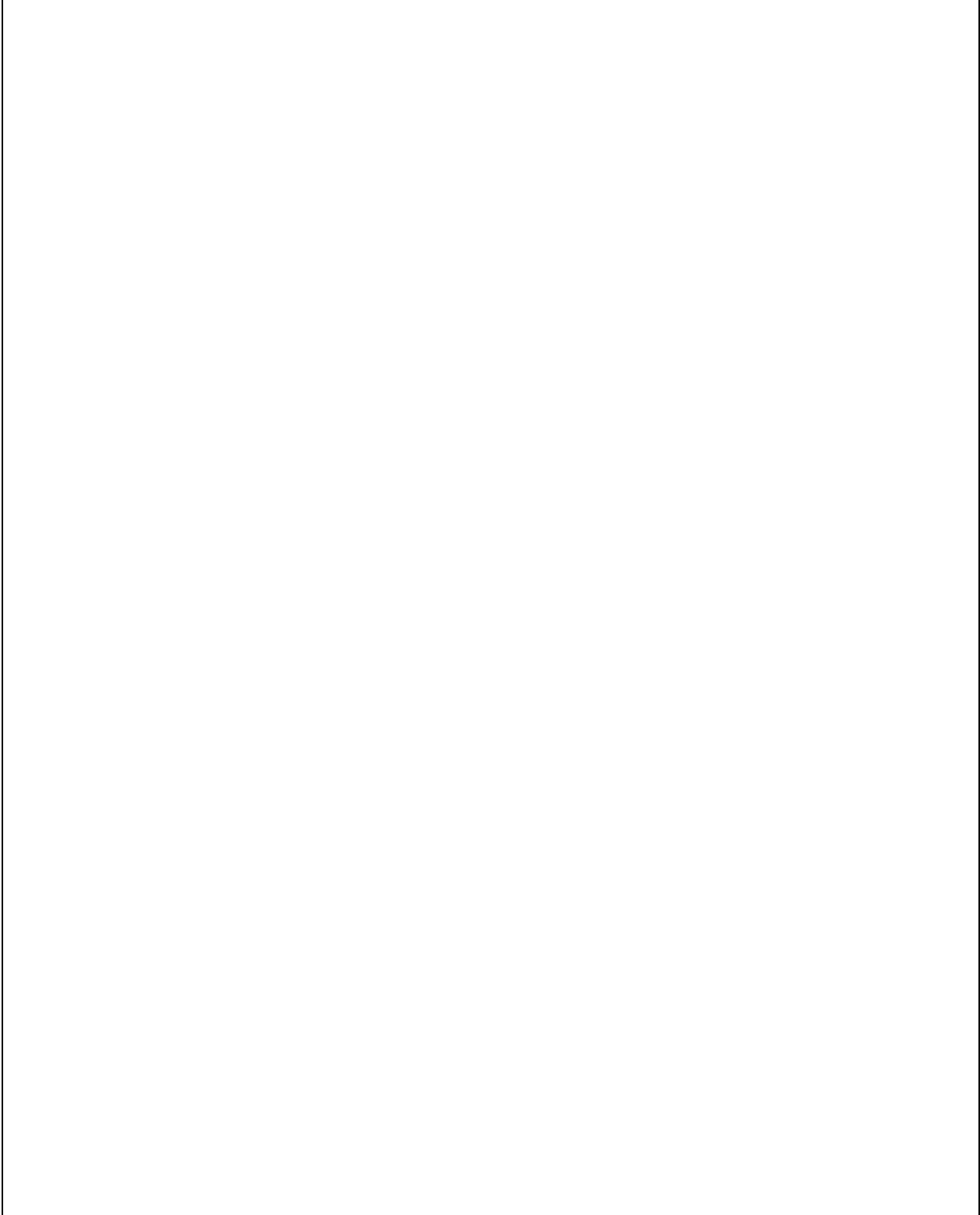


Figure 5: Trip Distribution- Exiting- A.M. Peak

Show a drawing of the study area and show entering trip distribution (as a percent). All trips should be traced back through system proportionate to turning movement counts. Site entering trips should be consistent with site trip generation.

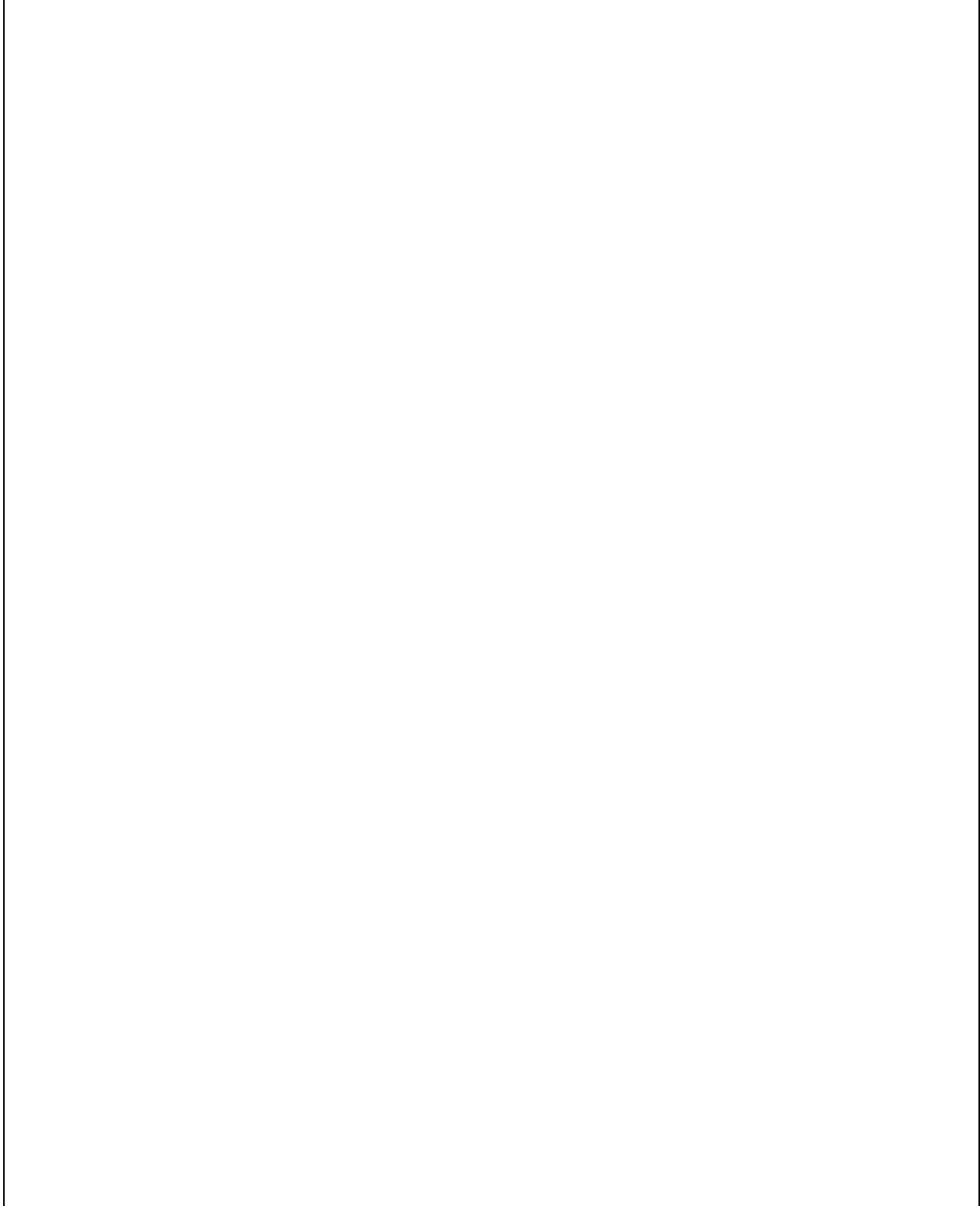


Figure 6: Pass-by Trip Reductions- A.M. Peak

Show a drawing of the study area and show pass by trips added to access points in accordance with trip distribution. Show pass by trip volume subtracted from accompanying through volume. No other adjustments will be made at other intersections.

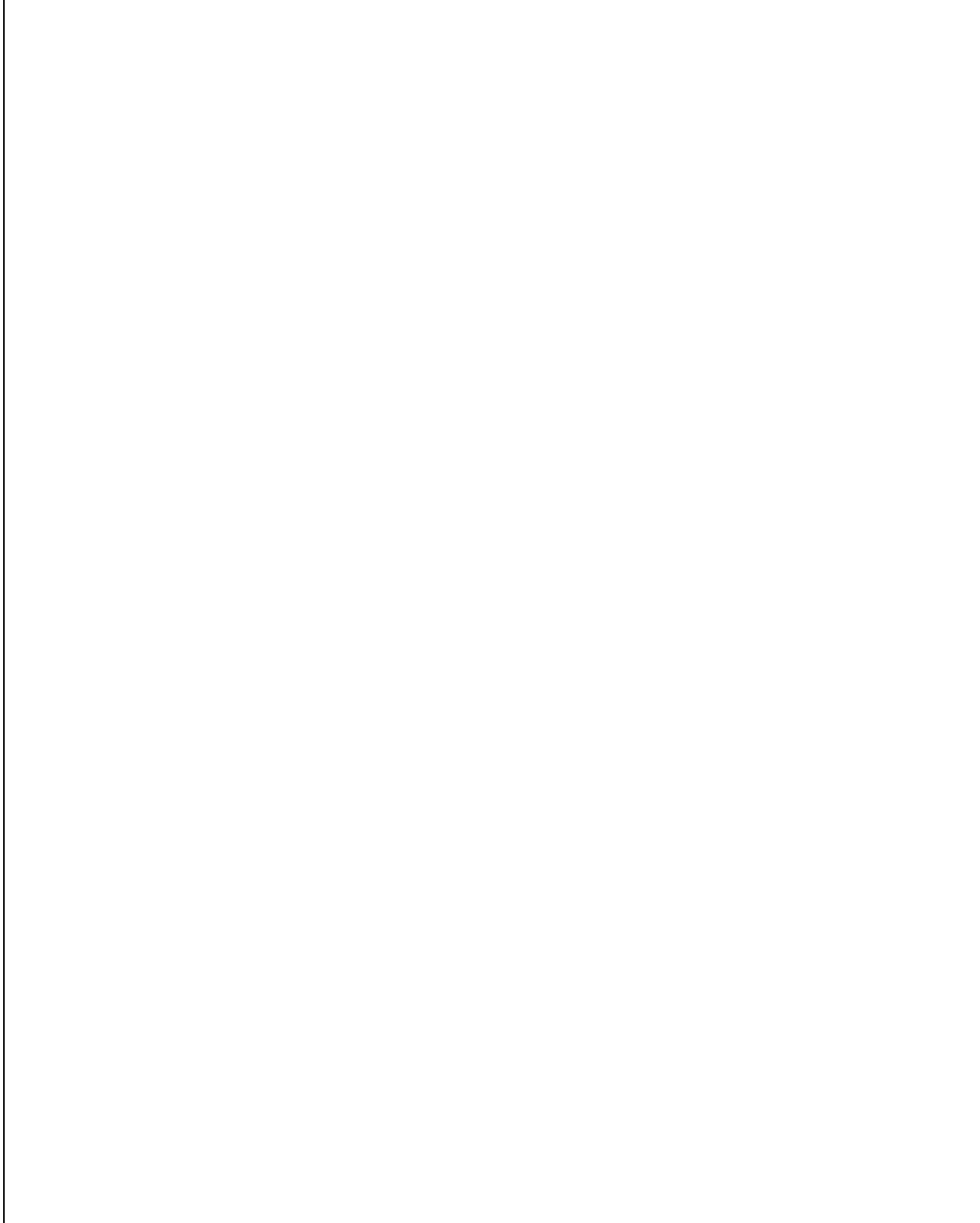


Figure 7: Net Trips Generated- Entering- A.M. Peak

Show a drawing of the study area and show pass by trips added to access points in accordance with trip distribution. Show pass by trip volume subtracted from accompanying through volume. No other adjustments will be made at other intersections.

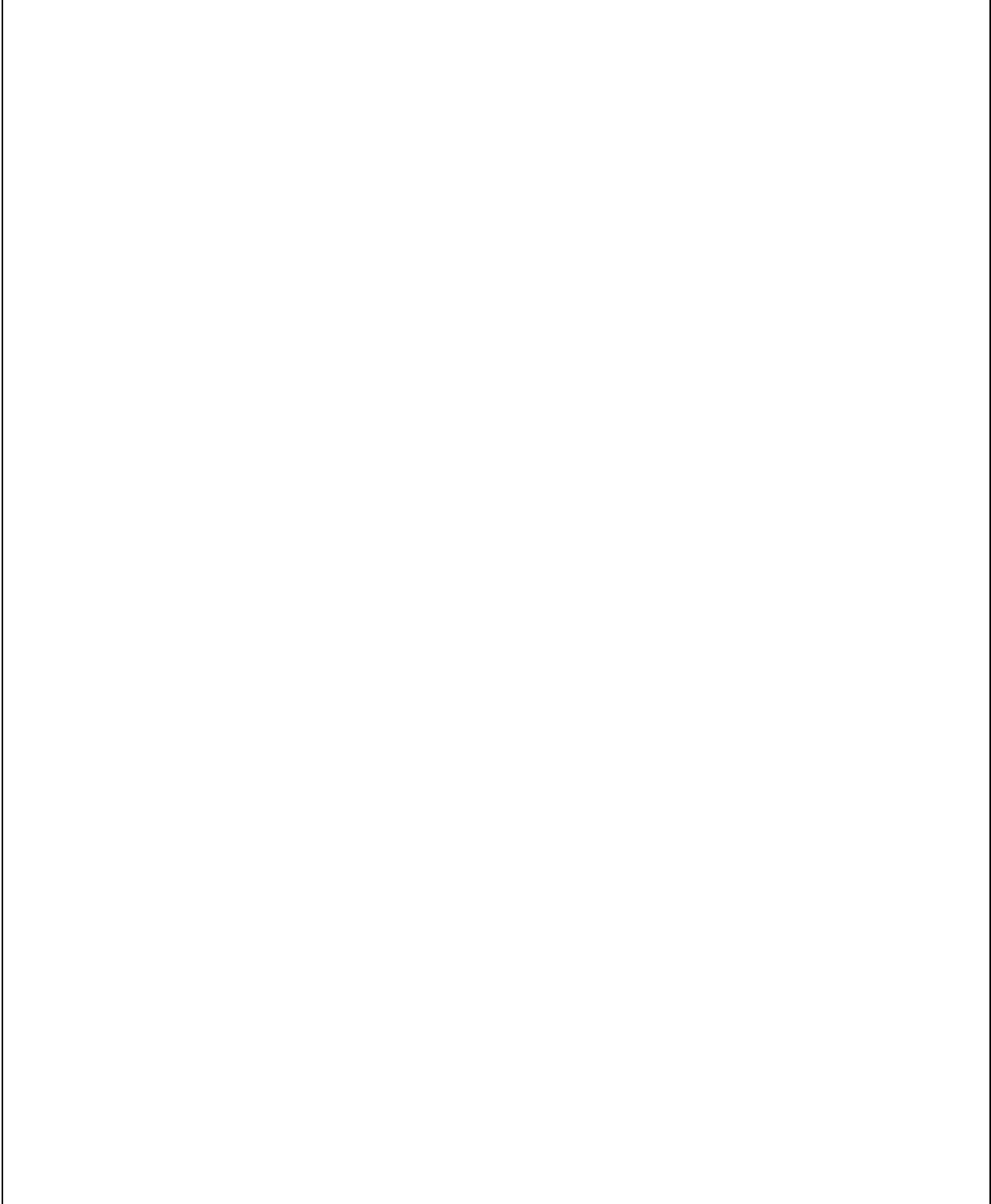


Figure 8: Net Trips Generated- Exiting- A.M. Peak

Show a drawing of the study area and show pass by trips added to access points in accordance with trip distribution. Show pass by trip volume subtracted from accompanying through volume. No other adjustments will be made at other intersections.

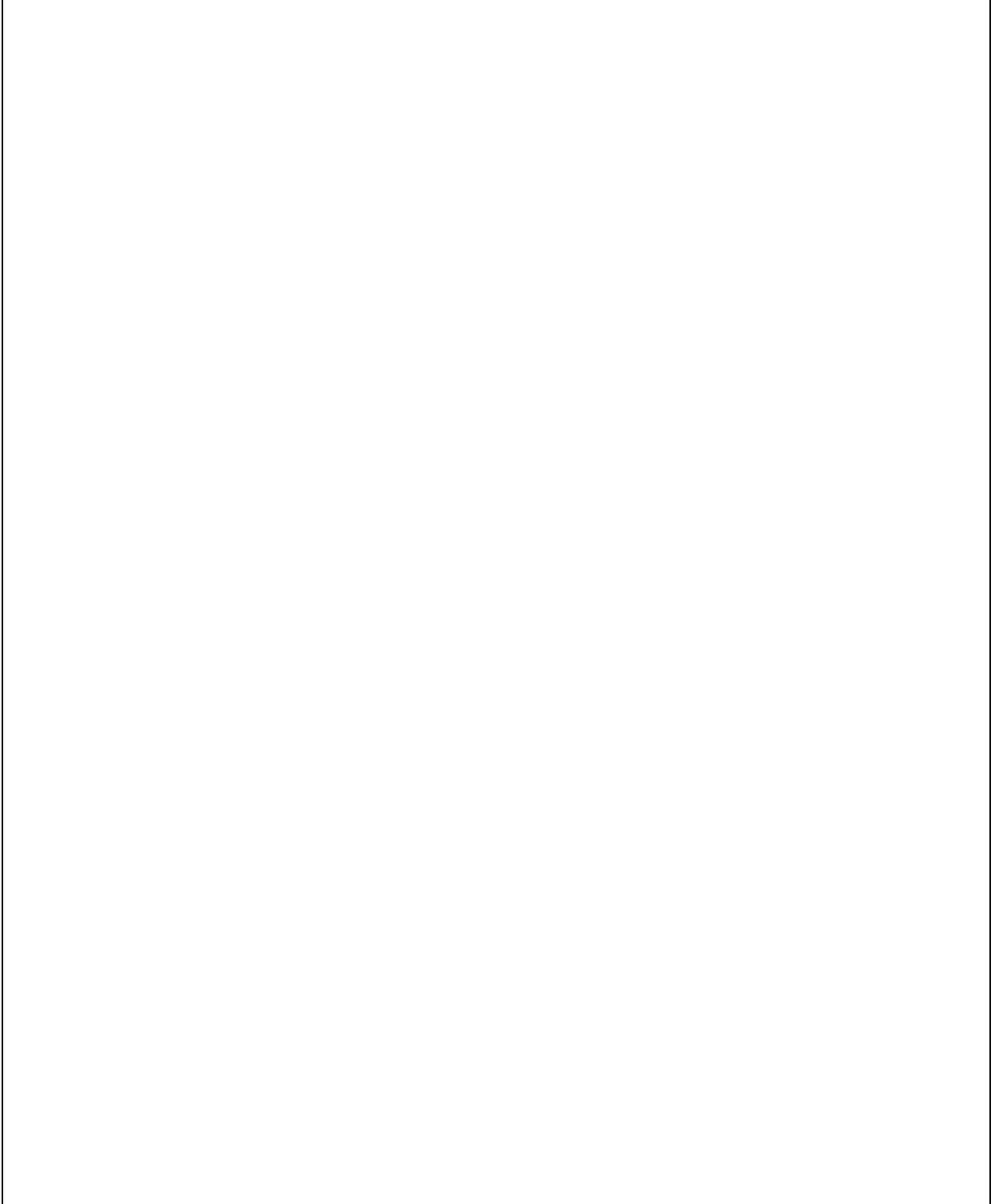


Figure 9: Opening Day Final Volume- A.M. Peak

Show a drawing of the study area and show opening day final volume. This is the Buildout Year traffic (existing traffic + the project). Here, combine existing volume (Figure 3) and net generated trips (entering and exiting) (Figures 7 and 8). If the full buildout is in the future (e.g., 2 years from now), apply the growth factor to the existing traffic to account for the traffic increase in the meantime.

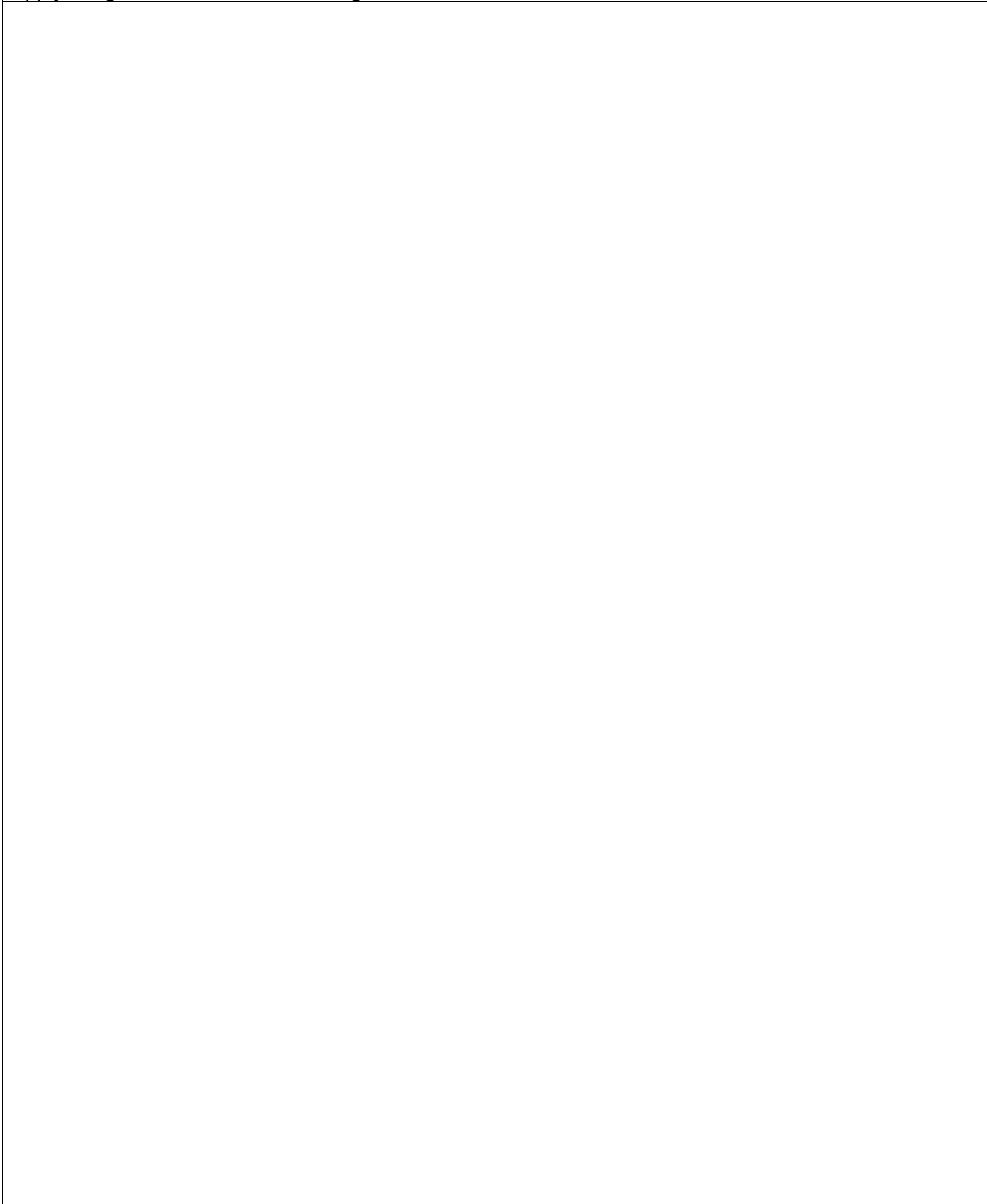


Figure 10: Design Year Existing Volume- A.M. Peak

Show a drawing of the study area and show design year existing volume (Existing + 10 years). This is a No Build scenario, so combine the existing volume (Figure 3) with the growth factor.

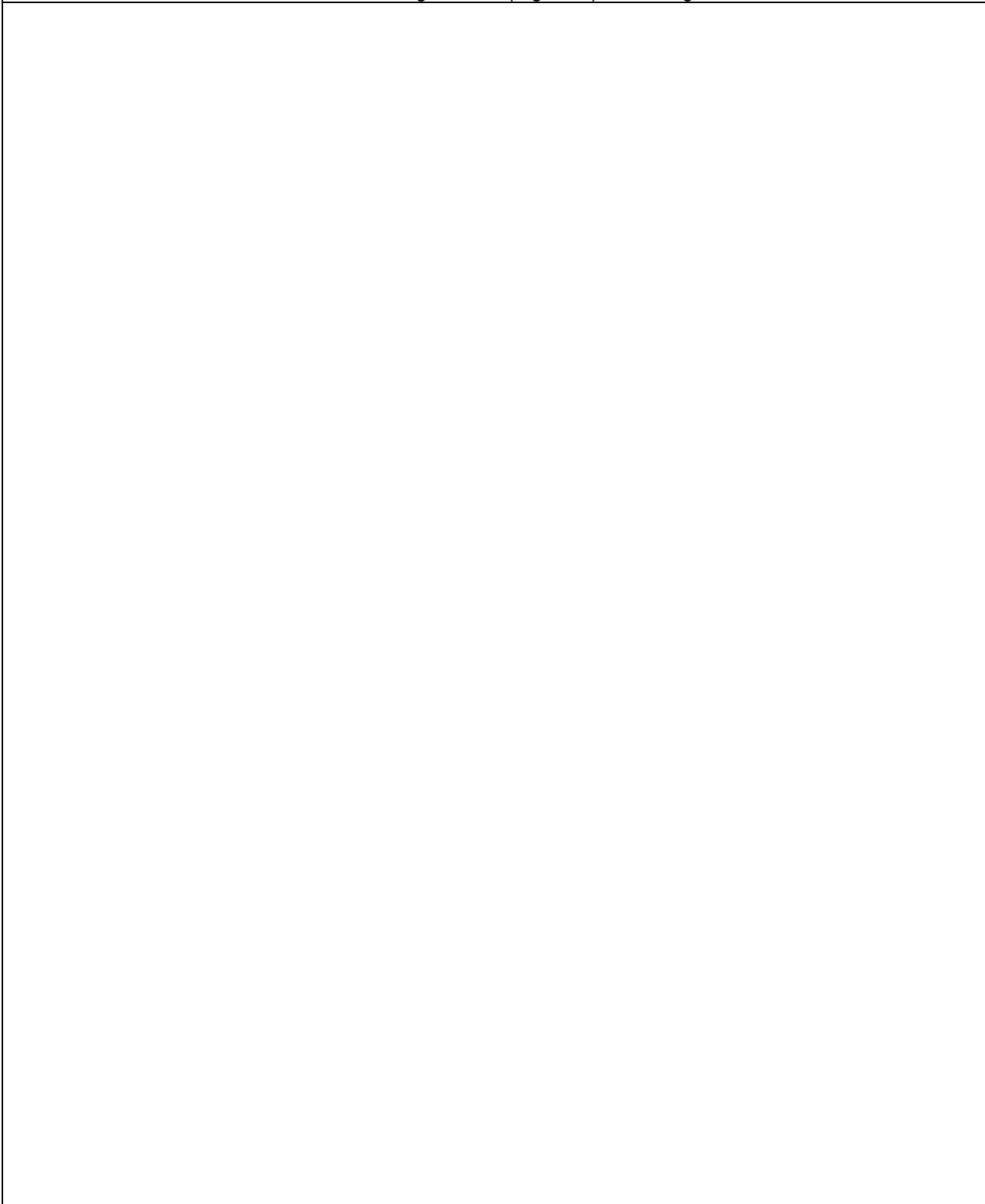


Figure 11: Design Year Final Volume- A.M. Peak

Show a drawing of the study area and show design year existing volume (Opening Day Volume + 10 years). Combine the Opening Day Volume (Figure 9) with the growth factor.

