APPENDIX E

TRAFFIC FORECAST VOLUMES

This appendix contains a series of plots (Exhibits L – Q) of the traffic volumes used to prepare the Transportation Chapter of the Thurston County Comprehensive Plan and the Urban Growth Area. The volumes shown are transportation network results using software called EMME/2. The purpose of this appendix is to comply with the requirement of WAC 365-195-325(1)(b)(iv) and RCW 36.70A.070(6)(E) to provide traffic forecasts for at least ten years.

The network depicted includes all regionally-significant facilities. This includes arterials and collectors, but not local access or neighborhood streets. Traffic volumes are identified by the numbers on the maps and represent vehicle trips for the average of the two hour peak p.m. period, 4:30 - 6:30 p.m. The relationship of the numbers to the lines reflect the direction of traffic flow. The numbers shown on two sets of maps for each area represent the existing and future volumes.

The 2025 forecasted traffic volumes are based upon the traffic modeling undertaken for the currently adopted Regional Transportation Plan (Map 46). The County Roads and Transportation Services Department is the source of base year traffic counts for the unincorporated county, including the Urban Growth Area (Map 47). The Transportation division of each of the jurisdictions is the source of actual base year traffic volumes for the portion of the jurisdiction that is in the City Limits. The underlying population and employment forecasts are based on regionally agreed upon assumptions and adopted figures, with distributions based on locally-adopted land use plans.