

Appendix B

Thoroughfare Plan Street Tabulation and Recommendations

This appendix includes a detailed tabulation of all roads identified as elements of the Catawba County Thoroughfare Plan. The table includes a description of the roads by sections, as well as the length, cross section, and right-of-way for each section. Also included are the existing and projected average daily traffic volumes, the practical roadway capacity, and the recommended ultimate lane configuration. It should be noted that the capacities are based on the methodology in the Mountain Region Capacity Methodology that were prepared by the Martin/Alexiou/Bryson, PLLC. Rolling terrain and rural area type were assumed in calculating the capacities. Adjustment for lane width and signal per mile were also used. Due to space constraints, the recommended cross-sections are given in the following form: number of lanes/ alphabetic code. A detailed description and illustrative figure for each of the alphabetic codes for cross sections can be found in Appendix C.

The following index of terms may be helpful in interpreting the table:

ADQ – Adequate
ADT – Average Daily Traffic
CAP – Capacity
CCL – Town of Catawba City Limit
CL – City Limit
Co – County
DIST – Distance
FT. – Feet
HNCPB – Hickory-Newton-Conover MPO Planning Boundary
MI. – Miles
MPB – Town of Maiden Planning Boundary
MPO – Metropolitan Planning Organization
NO. – Number
RDWY – Roadway
ROW – Right-of-Way
SECT. – Section
SR – Secondary Road
VPD – Vehicles Per Day