



DCHC | *SW Durham County and SE Chapel Hill*
COLLECTOR STREET PLAN



Kimley-Horn
and Associates, Inc.



Table of Contents

Chapter 1—Introduction

History and Background	1-1
Plan Purpose	1-4

Chapter 2—Public Engagement

Public Workshop #1	2-2
Public Workshop #2	2-5
Public Workshop #3	2-7

Chapter 3—Existing Conditions

Existing Plans	3-1
Traffic	3-5
Safety	3-7
Existing Development	3-9
Environmental Resources	3-11

Chapter 4—Recommended Network

Introduction	4-1
Defining the Network	4-1
Collector Street Network Development	4-5
Recommended Collector Street Plan	4-17

Chapter 5—Recommended Design Considerations

Policy and Guidelines	5-1
Design Elements	5-2
Traffic Calming	5-9
Land Use Coordination	5-15
Street Design	5-17



Chapter 6—Implementation Plan

General Recommendations.	.	.	.	.	6-1
Action Plan	.	.	.	.	6-3
Funding and Phasing Concepts.	.	.	.	.	6-5
Alternative Funding Measures.	.	.	.	.	6-7

Tables

Table 3.1 — Crash Statistics

Table 4.1 — Chapel Hill Collector Street Standards

Table 4.2 — Crossing Barriers – Rules of Thumb

Table 4.3 — Network Alternative Comparison

Table 5.1 — Land Use and Street Function

Figures

Figure 1.1 — Study Area

Figure 3.1 — Existing Conditions

Figure 3.2 — Approved and Pending Development

Figure 3.3 — Environmental Features

Figure 4.1 — Collector Street Planning Process

Figure 4.2 — Network Alternative “A”

Figure 4.3 — Network Alternative “B”

Figure 4.4 — Network Alternative “C”

Figure 4.5 — Recommended Collector Street Plan

Figure 4.6 — Existing and Future Transit Facilities

Figure 4.7 — Recommended Collector Street Plan and Future Transit Facilities

Figure 5.1 — Future Land Use Plan

Figures 5.2 – 5.7 — Collector Street Cross-Sections