

DATA COLLECTION

A significant amount of data was collected and reviewed in developing the Master Plan. Also, bike clubs in the area were contacted concerning issues about the cycling community. Sources collected and reviewed include:

- Zoning Ordinances
- Future Land Use plans
- Location of all parks, recreation areas and schools
- Location of all existing bicycle and pedestrian facilities
- Location of all existing sidewalk facilities
- Location of all historic, culturally and environmentally significant sites
- Long-Range Transportation Plans and Thoroughfare Plans
- The proposed route for State Route 840
- The proposed route for the Vietnam Veterans Memorial Boulevard extension from Hendersonville to Gallatin
- Traffic Counts from local and state agencies (i.e. TDOT) including projections
- ISTEPA and TEA-21 funded projects in Hendersonville – bicycle and pedestrian related only
- Aerial photos

EXISTING AND PLANNED BICYCLE AND PEDESTRIAN FACILITIES

The City of Hendersonville has been active in the promotion and development of bicycle and pedestrian facilities. Existing facilities include bike lanes, bike routes and bike paths and are listed below in Table I-1 and illustrated in Figures I-1 and I-2. The City has also recently been active in planning facilities and in seeking state and/or federal funding for planned facilities as listed in Table I-2, and illustrated in Figures I-3, I-4, I-5, and I-6.

The Major Thoroughfare Plans for both the City of Hendersonville (1998) and Sumner County (1996) include local and regional projects that include bicycle and pedestrian improvements. These projects are listed in Tables I-3 and I-4.

EXISTING TRAFFIC CONDITIONS (VEHICULAR)

Several bikeways will travel along certain roadway corridors with significant traffic volumes. Special design considerations will be required along the heaviest traveled corridors in order to minimize the potential for conflicts between vehicles and bicycles.

Traffic information was collected within the study area to determine existing traffic volumes for the major roadways in the Hendersonville area. The 1999 Average Daily Traffic (ADT) volumes for the roadways were obtained from the Tennessee Department of Transportation (TDOT). The resulting ADTs are shown in Table I-5.

Many of the roadways listed carry relatively high traffic volumes on a daily basis. The highest volume roadways within the study area include Gallatin Road (Highway 31E), Shackle Island Road, Walton Ferry Road, Indian Lake Road, and Callender Lane. These roadways carry traffic volumes of 10,000 vehicles per day or higher.

BICYCLE AND PEDESTRIAN TRIP GENERATORS

Potential bicycle and pedestrian trip generators within the Hendersonville area were inventoried. Table I-6 contains the list of potential bicycle and pedestrian traffic generators and a classification of the types of facilities at each site. The location of each potential bicycle and pedestrian trip generator is shown on Figure I-7.

**TABLE I-1
EXISTING FACILITIES**

PROJECT	FROM	TO	IMPROVEMENT
Wessington Place	New Shackle Island Rd.	Wessington Place Elem. Sch.	Sidewalk with Bike Lanes
Rockland Recreation Area	All	All	Bike Routes
Drakes Creek Park	All	All	Multi-Use Paths, See Figure I-1 and I-2

**TABLE I-2
FACILITIES UNDER CURRENT PLANNING/FUNDING**

PROJECT	FROM	TO	IMPROVEMENT
Memorial Park ¹	All	All	Multi-Use Paths, See Figure I-3
Mallard Point Park ²	All	All	Multi-Use Paths, Bicycle Lanes and Bicycle Routes, See Figure I-4
Sanders Ferry Park ²	All	All	Multi-Use Paths and Bicycle Routes, See Figure I-5
Wessington Place Elem. Sch. ¹	All	All	Multi-Use Paths and Bicycle Lanes, See Figure I-6

1. Information taken from "Bicycle and Pedestrian Trail Project - Phase II," City of Hendersonville, June 30, 1999.
2. Information provided by the City of Hendersonville.

**TABLE I-3
MAJOR THOROUGHFARE PROJECTS
WITHIN THE CITY OF HENDERSONVILLE
WHICH INCLUDE BICYCLE AND PEDESTRIAN IMPROVEMENTS¹**

PRIORITY NO.*	PROJECT NO.**	REGIONAL/ LOCAL	PROJECT DESCRIPTION	FROM	TO	IMPROVEMENT	BIKE / PED IMPROVEMENT
1	R12	Regional	New Shackle Island Rd.	Gallatin Rd.	By-Pass	3 - 5 Lanes	Bike Lane
5	R13	Regional	Walton Ferry Rd.	Gallatin Rd.	Just south of Gallatin Rd.	4 Lanes	Bike Lane
6	R3	Regional	Main Street (US 31 E)	Freehill Road	Indian Lake Rd.	7 Lanes	Bike Lane
1	R16	Local	Saundersville Rd.	Gallatin Rd.	Station Camp Creek	3 Lanes	Bike Lane
2	R25	Local	Imperial Blvd. Ext.	Existing Eastern Terminus	Sanders Ferry Rd.	3 Lanes	Bike Lane
3	R19	Local	Indian Lake Ext.	Indian Lake Blvd.	Callender Lane	5 Lanes	Bike Lane
4	R15	Local	Center Point Road	Vietnam Veterans Blvd.	Rockland Road Ext.	5 Lanes	Bike Lane
5	R26	Local	Lakeside Park Dr.	Imperial Blvd. Ext.	Homestead Dr.	2 Lanes	Bike Lane
6	R5	Local	Molly Walton Extension	Eastern Terminus	Forest Retreat Rd.	3 Lanes	Bike Lane
7	R11	Local	Rockland Rd. Ext.	Louise Ave.	Center Point Rd.	3 Lanes	Bike Lane
10/ 11	R7/ R8	Local	Goshen Town / Stop Thirty	Center Point	Jones Lane	3 Lanes	Bike Lane
12	R9	Local	Stop Thirty Rd. Ext.	Jones Lane	Saundersville Rd.	3 Lanes	Bike Lane
13	R10	Local	Rockland Rd.	Louise Ave.	Imperial Blvd.	3 Lanes	Bike Lane
14	R14	Local	Walton Ferry Rd.	Just south of Gallatin Rd.	Walton Ferry Elem. Sch.	3 Lanes	Bike Lane
19	R21	Local	Anderson Lane Ext.	Gallatin Rd.	Indian Lake Ext.	3 Lanes	Bike Lane
21	R24	Local	Savely Road Ext.	Township Drive	Forest Retreat Road	2 Lanes	Bike Lane

* Priority No. within the City of Hendersonville Major Thoroughfare Plan

** Project No. within the City of Hendersonville Major Thoroughfare Plan

1. Information taken from "Final Report, City of Hendersonville, Major Thoroughfare Plan Update," January 1998.

**TABLE I-4
MAJOR THOROUGHFARE PROJECTS
WITHIN SUMNER COUNTY
WHICH INCLUDE BICYCLE AND PEDESTRIAN IMPROVEMENTS¹**

PRIORITY NO.*	PROJECT NO.**	PROJECT	FROM	TO	IMPROVEMENT	BIKE / PED IMPROVEMENT
16	R7	Long Hollow Pike	Study Boundary	Study Boundary	3 Lanes	Bike Route

* Priority No. within the Sumner County Major Thoroughfare Plan

** Project No. within the Sumner County Major Thoroughfare Plan

1. Information taken from "Final Report, Sumner County, Major Thoroughfare Plan Update," June 1996.

**TABLE I-5
1999 AVERAGE DAILY TRAFFIC VOLUMES FOR
ROADWAY SEGMENTS WITHIN THE STUDY AREA¹**

ROADWAY	SEGMENT	TDOT COUNT STATION	AVERAGE DAILY TRAFFIC
Sanders Ferry Road	South of Gallatin Road	119	7,860
Sanders Ferry Road	South of La Plaza Drive	120	3,260
Walton Ferry Road	North of Curtis Crossroads	122	3,880
Walton Ferry Road	South of Nokes Drive	67	14,220
Nokes Drive	West of Walton Ferry Road	167	4,330
Rockland Road	East of Freehill Road	123	5,030
Indian Lake Road	South of Gallatin Road	117	10,350
Callender Lane	North of Gallatin Road	151	10,690
Old Shackle Island Road	North of Gallatin Road	66	8,960
New Shackle Island Road	North of Gallatin Road	99	12,970
Shackle Island Road	South of Vietnam Veterans Blvd.	181	20,120
Freehill Road	North of Gallatin Road	150	2,510
Gallatin Road (Highway 31E)	West of Freehill Road	207	40,340
Gallatin Road (Highway 31E)	West of Old Shackle Island Road	98	40,470
Gallatin Road (Highway 31E)	East of Sanders Ferry Road	68	51,080
Gallatin Road (Highway 31E)	East of Saundersville Road	180	14,890
Gallatin Road (Highway 31E)	East of Center Point Road	183	37,620
Caldwell Drive	North of Vietnam Veterans Parkway	147	5,170

1. Source: TDOT and "Final Report, City of Hendersonville, Major Thoroughfare Plan Update," January 1998.

**TABLE I-6
BICYCLE AND PEDESTRIAN
GENERATORS AND ATTRACTORS**

SITE	FACILITY	CLASSIFICATION
1	Walton Ferry Elementary School	School – Public
2	Lakeside Park Elementary School	School – Public
3	Hawkins Middle School	School – Public
4	Environmental Study Area	Park – Passive
5	Rockland Recreation Area	Park – Active
6	Hendersonville City Hall & Police Dept.	Institutional
7	Hendersonville Post Office	Institutional
8	Gene W. Brown Elementary School	School – Public
9	Mallard Point Park	Park – Passive
10	Memorial Park	Park – Passive
11	Drakes Creek Park North	Park – Passive
12	Hendersonville Hospital	Institutional
13	Knox Doss Middle School	School – Public
14	Anderson Lake	Park – Passive
15	Bluegrass Golf and Country Club	Recreation – Private
16	Country Hills Golf Course	Recreation – Public
17	Hendersonville High School	School – Public
18	Nannie Berry Elementary School	School – Public
19	Indian Lake Elementary School	School – Public
20	Lock 3 Recreation Area	Park – Active
21	Sanders Ferry Park	Park – Active
22	Wessington Place Elementary School	School – Public
23	Ellis Middle School	School – Public
24	Creekwood Marina	Recreation – Public
25	Future School on Center Point Road	School – Public
26	YMCA	Recreation – Private
27	Hendersonville Arts Council	Institutional
28	Hendersonville Public Library	Institutional
29	Moss Wright Park (Goodlettsville)	Park – Active
30	Rock Castle	Historical Site
31	Jack Anderson Elementary School	School – Public
32	Shutes Lane Park & Boat Ramp	Park – Active
33	TVA Campground	Recreation – Public
34	Rogers Group Soccer Fields	Park – Active