

***Elm City Cycling Long Range Bike Plan Outline***  
DRAFT 01-2009

***1) Executive Summary***

a) Table of Contents

b) Goals/Purpose

***2) Overall Purpose***

a) Statement of Purpose

- i) Increase awareness/improve mindset
- ii) Make bicycling an integral part of everyday life in New Haven
- iii) Increase safety and convenience for cyclists within New Haven
- iv) Create routes from each neighborhood to Downtown
- v) Increase city-wide coordination within transportation policy
- vi) Focus on outcomes, not means

b) Statement of Goals (Specific Measures/Benchmarks)

- i) Increase proportion of bicycle trips
- ii) Decrease incidents of collisions involving cyclists/accident rate
- iii) Increase mileage of network
- iv) Measure progress and evaluate progress of the plan
- v) Other

c) Benefits

- i) Environmental and financial sustainability, reduce obesity, etc

***3) State of Bicycling in New Haven***

a) History

- i) Bicycling programs
- ii) 2003 Plan

b) Current Status

- i) Feelings/thoughts on cycling in New Haven
  - ii) ECC survey results from 2006
- c) Existing Programs
  - i) Complete Streets
  - ii) Street Smarts
  - iii) Greenways
  - iv) Infrastructure Design (Lanes etc)
  - v) Education
  - vi) Enforcement

#### **4) *Measurement/Evaluation***

- a) Overview/Goal (why needed)
- b) Current Plans
  - i) 2003 Bike Plan
- c) Current measurements
  - i) Current % of bicycle mode share (Census)
  - ii) Current % of roads accessible to cyclists
  - iii) City has done some preliminary counts
- d) Needs
  - i) Origin/Destination Surveys
  - ii) Standardized city bicycle counts at major gateways, at very regular intervals
  - iii) Require counts within existing programs
- e) Include BLOS in City and DOT measurements/planning
  - i) Policy of high BLOS at all intersections
- f) Future plans
  - i) Reissue/evaluate this plan at interval

- ii) Consider developing neighborhood-specific plans
- iii) Coordinate with statewide master bike/ped plans (e.g. proposed statewide routes/greenways)

## **5) *Routes and Greenways***

- a) Overview/Goal (why needed)
  - i) Major Destinations in New Haven area (need for routes to Downtown, Union Station, major employment centers, supermarkets, schools, linking parks)
- b) Existing Conditions (Maps)
  - i) Existing road routes
  - ii) Existing greenways
- c) Planned Routes (Maps)
  - i) Map of needed road routes and problem “gap” areas
  - ii) Map of needed greenways
- d) Specific Routes
  - i) Each individual route – map plus description (including width, proposed changes, proposed traffic calming, one way –two way conversions etc)
  - ii) Refer to ECC Bicycle Boulevard memo
- e) Greenways
  - i) Each individual greenway – map plus description (proposed changes)
    - (1) Farmington Canal
    - (2) Farmington Canal link to Union Station
    - (3) West River
    - (4) Fair Haven
    - (5) Harborside Greenway
  - ii) New greenways (if any)

## **6) *Parking***

- a) Overview/Goals (why parking is needed)
- b) Need for map of existing conditions (location, quantity and type) – currently unknown
- c) Current policies
  - i) School system
- d) Programs to improve parking
- e) Parking requirements in new development

## **7) *Education***

- a) Overview/Goals (why needed)
- b) Current programs
- c) Future programs
- d) This section TBD by education committee

## **8) *Enforcement***

- a) Overview/Goals (why needed)
- b) Current programs
- c) Safety curriculum within NHPD training
  - i) Review ticketing policy so that officers educate violators as to appropriate regulations (right of way)
- d) Higher priority for violations that most frequently cause injuries, for motorists, cyclists, and pedestrians
- e) “Fix it” ticket for bicycle equipment violations (lights)
- f) Increase fines for violations involving vehicles parked in bicycle lanes
- g) Increase NHPD bicycle mounted patrols
- h) Coordinate system with hospitals and emergency rooms, so that cyclists are aware of rights
- i) Issue neighborhood reports on enforcement to public

## **9) *Encouragement***

- a) Overview/Goals (why needed)

- b) Current programs
- c) Promote benefits of cycling through media and public events
  - i) Ensure that diverse age, income and ethnic populations are included
- d) Incentive programs for city employees and major employers
- e) Encourage Federal bike commuter benefit reimbursements for employees
- f) Encourage bicycle related businesses
- g) Conduct feasibility study for bicycle share program

### ***10) Multimodal Coordination and Accessibility***

- a) Overview/Goals (why needed)
- b) Pedestrian improvements
  - i) The bike plan promotes human powered transportation of any form, as it helps meet the broad goals of this plan.
  - ii) General statement that pedestrians improvements, e.g., crosswalks and traffic calming, can improve cycling conditions and should be coordinated
  - iii) Sidewalks should be safe pedestrian priority areas. When bicyclists do not feel safe on the streets, however, they use the sidewalks. Improving road routes will improve conditions for pedestrians.
- c) CT Transit
- d) Trains
  - i) Union Station
  - ii) State Street Station
- e) Tweed New Haven Airport

### ***11) Funding***

- a) Overview/Goals (why needed)
- b) City capital improvements
- c) Review grant options
  - i) Safe Routes to School

- ii) Private sources
- d) Increase State/Federal funding allocations
  - i) New sources (% allocations from complete streets legislation)
  - ii) Transportation Enhancements
  - iii) STIP
  - iv) Federal safety funding
  - v) Safe routes to school

***12) Recommendations for Regional Connections (Subsection)***

- a) Overview/Goals (why needed)
- b) West Haven routes (West Campus, East Coast Greenway)
- c) Hamden
- d) Eastern Suburbs
- e) Refer to SCRCOG plans

***13) Standards (Longer)***

- a) Overview/Goals (why needed)
- b) Bicycle parking Standards
- c) Road standards
  - i) Sharrow spacing
  - ii) Sharrow vs. Lanes
  - iii) Lane requirements
  - iv) Speed limits
  - v) Advance stop bars
  - vi) Signage – General
  - vii) Greenway signage

viii) Bike boulevards

#### ***14) Acknowledgments and Sources***

#### ***15) Appendices***

a) ECC Bike Boulevard memo