Complete Streets Master Plan

Stakeholder Meeting #1

Presented by
Nicolas Bosonetto

April 24, 2019
Complete Streets Master Plan

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Council Chambers
April 24, 2019

Agenda

1. Introductions
2. Complete Streets Review
3. Corridor Prioritization Exercise
Complete Streets Master Plan

I. Inventory
   • Existing network conditions,
   • Origins and Destinations,
   • Gaps in connectivity

II. Complete Streets Tool Box
    • Multi-modal improvement options & guidelines

III. Network Improvements Plan
     • Town-wide network
     • Prioritize Corridors
     • Four key corridors – concept plans & visualizations
Complete Streets Schedule

• Three Public Information Meetings
  ✓ March 20\textsuperscript{th}
  • May 15\textsuperscript{th}
  • June 12\textsuperscript{th} - Subcommittee

• Stakeholder Meetings
  ✓ April 24\textsuperscript{th}
  • TBD

• Town Council – Public Hearing
  • Present draft Plan and Policy
  • June 24\textsuperscript{th}
American with Disabilities Act (ADA)

ADA gives federal civil rights protection to disabled people and applies to all public facilities:

- Parks and recreation facilities
- All sidewalks and accessible routes
- Bus stops and transit vehicles
- Parking requirements
- Railings on ramps

Percentage of adults with functional disability types

- Mobility: 13.7%
  - Serious difficulty walking or climbing stairs
- Cognition: 10.8%
  - Serious difficulty concentrating, remembering, or making decisions
- Independent Living: 6.8%
  - Difficulty doing errands alone
- Hearing: 5.9%
  - Deafness or serious difficulty hearing
- Vision: 4.6%
  - Blindness or serious difficulty seeing
- Self-Care: 3.7%
  - Difficulty dressing or bathing

Sources: CDC [https://www.cdc.gov/ncbddd/disabilityandhealth/impacts/connecticut.html](https://www.cdc.gov/ncbddd/disabilityandhealth/impacts/connecticut.html)
48 Users – Different Modes
### User Types

**BICYCLIST DESIGN USER PROFILES**

**Interested but Concerned**
- 51%–56% of the total population
- Often not comfortable with bike lanes, may bike on sidewalks even if bike lanes are provided; prefer off-street or separated bicycle facilities or quiet or traffic-calmed residential roads. May not bike at all if bicycle facilities do not meet needs for perceived comfort.

**Somewhat Confident**
- 5–9% of the total population
- Generally prefer more separated facilities, but are comfortable riding in bicycle lanes or on paved shoulders if need be.

**Highly Confident**
- 4–7% of the total population
- Comfortable riding with traffic; will use roads without bike lanes.

Source: FHWA Bicycle Facility Selection Guide
Speed Matters

If hit by a person driving at:

- **20 MPH**
  - Person Survives the Collision: 90%
  - Results in a Fatality: 10%

- **30 MPH**
  - Person Survives the Collision: 60%
  - Results in a Fatality: 40%

- **40 MPH**
  - Person Survives the Collision: 20%
  - Results in a Fatality: 80%
What are Obstacles to Mobility?

Photo credit: AARP, Walk Audit Guidelines
1. Preserve existing street trees.
2. Minimize impervious cover using pervious median.
3. Integrate stormwater treatment into traffic calming and pedestrian safety features, such as bioretention curb bump-outs.
4. Disconnect pavement where possible, such as grading sidewalks to drain to a vegetated filter strip.
5. Include underdrain in porous pavement sidewalks where site conditions preclude infiltration.
7. Select small footprint SCMs like leaching basins to minimize impacts to existing street trees.

Complete Streets with Hardscaping and Drainage
Public Meeting #1 - Visioning Exercise
Identifying Corridors & Gaps
Roadway Network & Crashes

- High Crash locations
- Blue Hills Avenue Corridor (118 crashes)
- Cottage Grove Intersections
  - Blue Hills Ave (63 crashes)
  - Packard Street (14)
  - School Street (13)
  - Bloomfield Ave (13)
- Previous 5-year analysis shows three pedestrian fatalities at Blue Hills Avenue and Cottage Grove Intersection

Source: Alaska DOT
Employment Centers

Approximately 21,300 jobs in Bloomfield
Travel to Work

Inflow/Outflow Job Counts in 2015

- 20,022 - Employed in Selection Area, Live Outside
- 9,729 - Live in Selection Area, Employed Outside
- 1,286 - Employed and Live in Selection Area

Note: Overlay arrows do not indicate directionality of worker flow between home and employment locations.

https://onthemap.ces.census.gov/
2014 Park Master Plan

- Inventory of parks, playgrounds, programs and green space
- Assessment of park amenities and conditions
- Identified lack of connectivity and accessibility
- Suggested improvements
  - On-street bicycle lanes
  - Bicycle routes (signage)
  - Rail-to-trail
Transit Heat Map
Stakeholder Meeting #1
Corridor Prioritization Criteria

• Safety Improvements
• Gaps in Modal Connectivity
  • ADA, Ped, Bike, Transit
• Vulnerable Users
  • Children, low-income, elderly, disabled
• Access to Destinations
  • Jobs, retail, education, recreation, services, health care
• Comfort Levels
Thank you!

Contacts & Further Information

https://www.bloomfieldct.gov/planning-and-zoning

Jose Giner | Jginer@bloomfieldct.org | 860.769.3514
Ashley Stewart | astewart@bloomfieldct.org | 860.769.3565