

COMPLETE STREETS POLICY

2018 ANNUAL REPORT

March 1, 2019

SUBMITTED BY:

Matthew Hart
Town Manager

PREPARED BY:

Duane Martin
Town Engineer



In accordance with the Town's Complete Streets Policy (Policy), adopted on July 21, 2015, an Annual Report is to be submitted to the Town Council in order to evaluate progress made toward the development of Complete Streets.

Over the course of the 2018 construction season, the Engineering Division incorporated a wide range of Complete Streets Improvements into its designs and construction projects. As specified in the Policy, the performance measures below are presented in linear feet and miles.

BICYCLE LANES

**Total Length of Bicycle Lanes Added:
7,940 feet or 1.50 Miles (Each Direction)**



Asylum Avenue -Looking West

Asylum Avenue Steele Road to Prospect Avenue

2,900 feet or 0.55 miles in the westbound direction

4-foot-wide 3 foot buffered bike lane installed in the westbound direction. Sharrows were installed in the eastbound direction.



Boulevard - Looking East

Boulevard Trout Brook Drive to Quaker Lane South

1,940 feet or 0.37 miles in the eastbound direction

5-foot-wide bike lane installed in the eastbound direction. Sharrows were installed in the westbound direction.



South Main Street - Looking South

South Main Street
Elmfield Drive to Newington Town
Line

2,500 feet or 0.47 miles in the southbound direction

5-foot-wide bike lane installed in the southbound direction. Sharrows were installed in the northbound direction.



Quaker Lane South - Looking South

Quaker Lane South
Nutmeg Court to Trout Brook Drive

600 feet or 0.11 miles in the southbound direction

5-foot-wide bike lane installed in the southbound direction. Sharrows were installed in the northbound direction.

Cost of the bicycle pavement markings, and bicycle signage = \$10,000

BICYCLE ROUTES

Total Length of Bicycle Routes Added:

105,870 feet or 20.00 Miles (Each direction)

51 Sharrow pavement markings installed

211 Bike Route signs installed (45 Route signs and 166 Arrow signs)

Asylum Avenue (Steele Road to Prospect Avenue) – Eastbound Direction

2,900 feet or 0.55 miles in the eastbound direction

Boulevard (Trout Brook Drive to Quaker Lane South) – Westbound Direction

1,940 feet or 0.37 miles in the westbound direction

Quaker Lane South (Talcott Road to New Britain Avenue) – Northbound Direction

1,770 feet or 0.33 miles in the northbound direction

Quaker Lane South (Trout Brook Drive to New Britain Avenue) – Southbound Direction

1,170 feet or 0.22 miles in the southbound direction



Green Bike Route

North area of Town around Hall High School and King Philip Middle School

22,200 feet or 4.2 miles in one direction

51 Green Route signs installed

11 Bike route signs and 40 Arrow signs installed



Orange Bike Route

North central area of Town from Fernridge Park to Westmoor Park

31,150 feet or 5.9 miles in one direction

75 Orange Route signs installed

15 Bike route signs and 60 Arrow signs installed



Blue Bike Route

South central area of Town around Rockledge Golf Club through Wolcott Park, Beachland Park, and Northfeldt Field

42,200 feet or 8.0 miles in one direction

85 Blue route signs installed

19 Bike route signs and 66 Arrow signs installed

Cost of the sharrow pavement markings and Bike route signage = \$20,000

PEDESTRIAN ACCOMMODATIONS

Sidewalk installed or replaced throughout Town: 10,272 feet or 1.95 miles

This total includes the replacement of concrete sidewalk all over the Town and the replacement of concrete paver sidewalk areas in higher pedestrian traffic areas like the center.



Hilltop Drive Sidewalk Replacement

Hilltop Drive Sidewalk Replacement

In many cases, more extensive sidewalk replacements are required compared to spot replacements on individual roadways due to widespread deterioration. Sidewalk replacements on Hilltop Drive cost \$43,291 in 2018.

Cost of the sidewalk installation and replacement = \$394,000.

CROSSWALKS IMPROVEMENTS

- ❖ 25 Crosswalks replaced

Cost of the crosswalk pavement markings and signage = \$10,000

AMERICANS WITH DISABILITIES ACT ACCOMMODATIONS

Twenty three sidewalk ramps were replaced all over Town. The new sidewalk ramps contained detectable warning devices as shown below.



Mountain Road at Tunxis Road
Sidewalk Ramp Replacement

Cost of the concrete sidewalk ramp installations = \$51,000

TRAFFIC SIGNAL IMPROVEMENTS

The following traffic signals were improved to incorporate accessible pedestrian signal equipment (push buttons and audible message) in 2018.

1. South Main Street at Memorial Road – Upgrade push buttons and added a push button for accessibility on the northwest corner
2. South Main Street at Mid-Block Crosswalk – Upgrade push buttons
3. Ridgewood Road at Sedgwick Road – Added an exclusive pedestrian phase (pedestrians walk alone instead of with vehicles to cross the intersection) with accessible pedestrian signal equipment
4. Ridgewood Road at Tunxis Road - Added an exclusive pedestrian phase (pedestrians walk alone instead of with vehicles to cross the intersection) with accessible pedestrian signal equipment

5. North Quaker Lane at Fern Street - Added an exclusive pedestrian phase (pedestrians walk alone instead of with vehicles to cross the intersection) with accessible pedestrian signal equipment
6. North Main Street at Sims Road – Upgraded push buttons and added a push button for accessibility on the west side of the intersection
7. Park Road at Raymond Road – This traffic signal was replaced as part of the Park Road at Interstate 84 Interchange Improvement project. The traffic signal now has an exclusive pedestrian phase and accessible pedestrian signal equipment.

Cost of the traffic signal improvements = \$60,000

STREET TREES PLANTED

The Town planted or replaced 17 street trees on New Britain Avenue, Trout Brook Drive, Albany Avenue, and Starkel Road.

Cost of the street tree installations = \$10,600

POLICY EXCEPTIONS

No Complete Streets policy exceptions were requested in 2018.

The total cost for all of the 2018 Complete Streets Improvements is \$555,600

BICYCLE FACILITY PROGRESS

Most of the following bicycle facility accomplishments occurred after the Town's Complete Street Policy was adopted on July 21, 2015. However, the following bicycle facilities existed prior to the adoption of the Complete Streets Policy:

Completed prior to 2015

Bicycle Routes: 11.2 Miles (Total of all Directions)

Bicycle Lanes: 7.2 Miles (Total of all Directions)

Multi-Use Trails: 1.2 Miles

The following annual bicycle facility accomplishments occurred after the Complete Streets Policy adoption.

Completed in 2015

Bicycle Routes: 2.2 Miles (Total of all Directions)

Bicycle Lanes: 2.9 Miles (Total of all Directions)

Multi-Use Trails: .81 Miles

Completed in 2016

Bicycle Routes: 8.7 Miles (Total of all Directions)

Bicycle Lanes: .68 Miles (Total of all Directions)

Completed in 2017

Bicycle Routes: 3.2 Miles (Total of all Directions)

Bicycle Lanes: 2.6 Miles (Total of all Directions)

Completed in 2018

Bicycle Routes: 20.0 Miles (Total of all Directions)

Bicycle Lanes: 1.5 Miles (Total of all Directions)

Total Bicycle Facility Accomplishments

As of March 1, 2019, the Town of West Hartford has the following total completed bicycle facilities:

Bicycle Routes: 45.3 Miles (Total of all Directions)

Bicycle Lanes: 14.9 Miles (Total of all Directions)

Multi-Use Trails: 1.2 Miles