



Connecticut Department of Transportation

National Roundabouts Week (NRW) 2024 | September 16 to 20



Hello from the CTDOT Roundabouts Committee!

Our Committee was established to assist with the planning, design, and construction of roundabouts in Connecticut and is made up of experienced engineers from Highways, Traffic, Planning, Maintenance, and Construction. The goal of the Committee is to encourage appropriate use of roundabouts, good design practices, and consistency. The Committee reviews roundabout concepts at project initiation, as well as at the 30%, 60%, and 90% design phases. We are also available to help with questions regarding design aspects, such as: suitability, size, lane arrangements, geometry, materials, signing, pavement markings, fastest path, and project phasing.

Please contact us at
DOT.Roundabouts@ct.gov for assistance.

**Participate in NRW by
posting to social media using
#RoundaboutsWeek**

For more information, visit [National Roundabouts Week](#)

Roundabouts Trivia

Did you know roundabouts are safer intersections for all users?

Speeds are lower in a roundabout, typically 20-25 mph for a single-lane design, increasing overall intersection safety. Pedestrians only need to cross one direction of vehicle travel at a time and can find refuge in the splitter island or median. Bicyclists can ride in the lane with traffic, due to low speeds, or dismount and cross as a pedestrian. The number of vehicular conflict points is reduced from a total of 32 at a typical four-way intersection down to just 8 within a single-lane roundabout. Roundabout intersections eliminate left-turns, removing the potential for head-on and angle-type crashes, which are the most severe. With lower speeds and right-turns only, crashes that do occur typically result in less serious and fewer injuries. Connecticut has analyzed five completed roundabouts so far and found a 44% reduction in total crashes and an 81% reduction in severe crashes, in line with national statistics.



Did you know roundabouts can reduce travel time?

Although travel speeds within a roundabout intersection are typically lower, a properly designed roundabout can promote a more efficient and continuous flow of traffic, especially in the off-peak periods. Roundabouts operate under a yield condition, minimizing traffic queues and delay, as there is no need to wait at a stop sign or traffic signal.



Did you know roundabouts can promote business?

Slower speeds allow roadway users to more easily notice nearby businesses, and the increase in safety for non-motorized users makes walking or biking around the area more attractive and enjoyable. Roundabouts generally enhance community aesthetics and promote safer and easier access, which is more desirable for customers and businesses alike.



Did you know roundabouts are better for the environment?

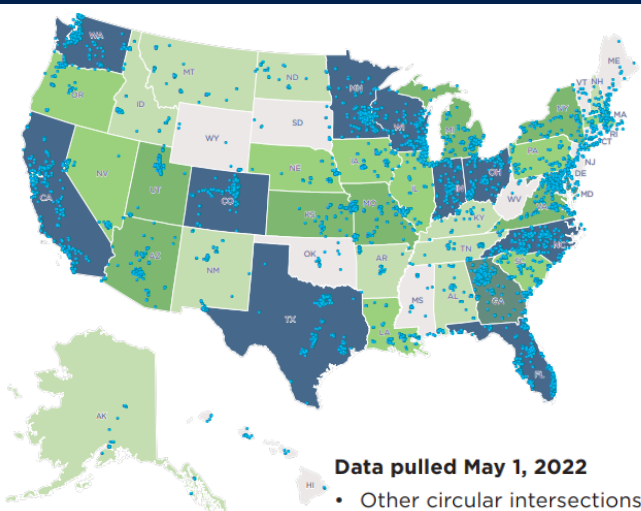
Because motorists no longer need to wait at a stop sign or traffic signal, fuel consumption is reduced. Less idling and less acceleration from a stopped position reduces the amount of harmful motor vehicle emissions released into the environment.





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Data pulled May 1, 2022

- Other circular intersections excluded.

**Estimated total
roundabouts
through 2021:**
United States: **8,800**

Roundabout Stats

Converting a signalized intersection to roundabout results in less crashes!

NATIONAL*

* Source AASHTO Highway Safety Manual

**78%
SEVERE
CRASHES**



**48%
OVERALL
CRASHES**



CTDOT converted 5 intersections to roundabouts.

CONNECTICUT

**81%
SEVERE
CRASHES**



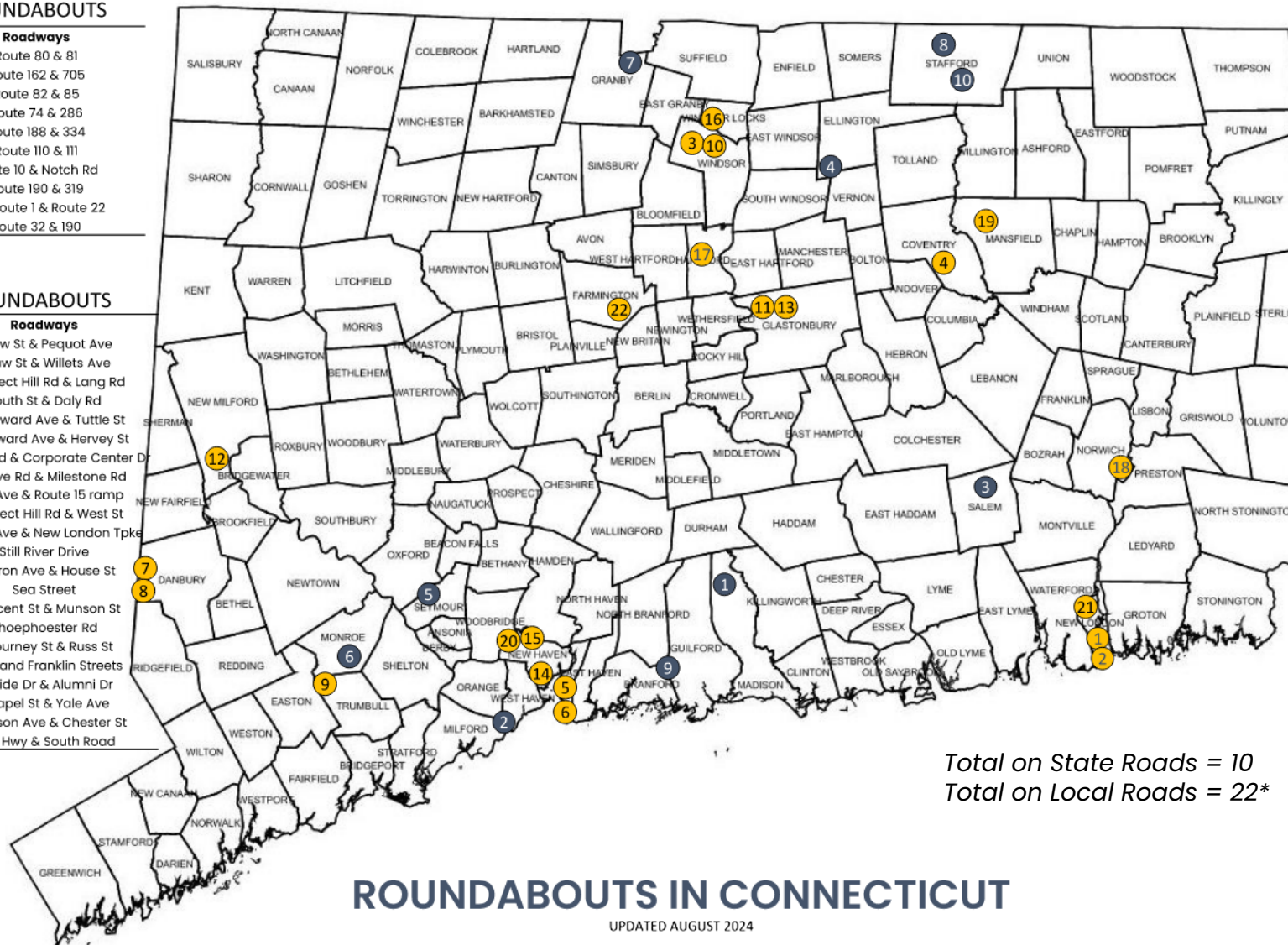
**44%
OVERALL
CRASHES**

STATE ROAD ROUNDABOUTS

ID	Town	Roadways
1	Killingworth	Route 80 & 81
2	West Haven	Route 162 & 705
3	Salem	Route 82 & 85
4	Ellington	Route 74 & 286
5	Seymour	Route 188 & 334
6	Monroe	Route 110 & 111
7	Granby	Route 10 & Notch Rd
8	Stafford	Route 190 & 319
9	Guilford	U.S. Route 1 & Route 22
10	Stafford	Route 32 & 190

LOCAL ROAD ROUNDABOUTS

ID	Town	Roadways
1	New London	Shaw St & Pequot Ave
2	New London	Shaw St & Willets Ave
3	Windsor	Prospect Hill Rd & Lang Rd
4	Coventry	South St & Daly Rd
5	New Haven	Woodward Ave & Tuttle St
6	New Haven	Woodward Ave & Hervey St
7	Danbury	Reserve Rd & Corporate Center Dr
8	Danbury	Reserve Rd & Milestone Rd
9	Trumbull	Park Ave & Route 15 ramp
10	Windsor	Prospect Hill Rd & West St
11	Glastonbury	Hebron Ave & New London Tpke
12	New Milford	Still River Drive
13	Glastonbury	Hebron Ave & House St
14	New Haven	Sea Street
15	New Haven	Crescent St & Munson St
16	Windsor Locks	Shoephoeister Rd
17	Hartford	Sigourney St & Russ St
18	Norwich	Main and Franklin Streets
19	Mansfield	Hillside Dr & Alumni Dr
20	New Haven	Chapel St & Yale Ave
21	New London	Jefferson Ave & Chester St
22	Farmington	Colt Hwy & South Road



Total on State Roads = 10
Total on Local Roads = 22*

ROUNDABOUTS IN CONNECTICUT

UPDATED AUGUST 2024

*Based on information available. Please contact DOT.Roundabouts@ct.gov to provide additional information for map updates.

As of 2024, hundreds of crashes and injuries have been prevented by roundabouts!



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STATE PROJECT NO. 120-86

Roundabout at Salem Four Corners
Route 85 at Route 82

PURPOSE AND NEED

The purpose of the project is to improve safety at the intersection of Route 82 and Route 85 in Salem.

DESCRIPTION

The project involves the removal of the existing traffic signal and reconfiguration of the intersection to create a modified single lane roundabout. Construction began in the Spring of 2012 and was completed in Fall of 2012.



SPOTLIGHT ON SALEM ROUNDABOUT (Intersection of Route 85 and Route 82)

Pre-Construction
(before 2012)



Post-Construction
(after 2012)



[VIEW PROJECT DRONE VIDEO](#)

[VIEW ROUNDABOUT LOCATION](#)