



Shelburne St. Roundabout

BURLINGTON, VT.

Factsheet | January 2021

WHAT'S THE PROJECT?

The Vermont Agency of Transportation (VTrans) and the Burlington Department of Public Works (Burlington DPW) are improving roadway conditions for all users along US Route 7 (Shelburne Street) in Burlington. This joint initiative includes street reconstruction, including a new single-lane roundabout at the intersection of US Route 7 (South Willard Street), US ALT Route 7 (Shelburne Street), Ledge Road and Locust Street. The project also includes the addition of a designated left turn lane onto Ledge Road and the installation of new dedicated pedestrian facilities and shared pedestrian and bicycle facilities. Furthermore, the project will improve signage, street lighting, drainage, stormwater runoff treatment, and relocate and consolidate utility transmissions underground.

PROJECT MILESTONES



Permitting
October 2017

Right of Way
Clearance
October 2019



Dig Safe &
Environmental
Sample
June 2020



Bid Advertisement
February 2021



Contract Award
April 2021



Begin Work
Spring 2021



Complete Work
Spring 2023



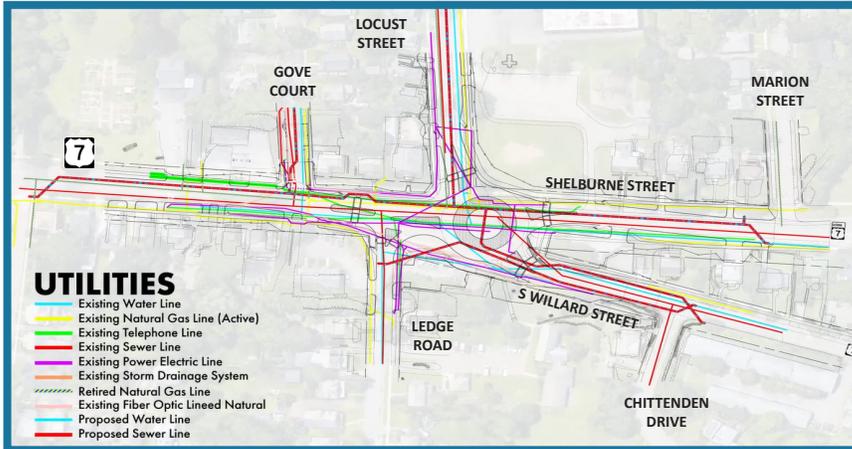
WHY A ROUNDABOUT?

The roundabout design was selected because it is the best-engineered solution and will enhance safety and mobility issues that the current intersection does not, including:

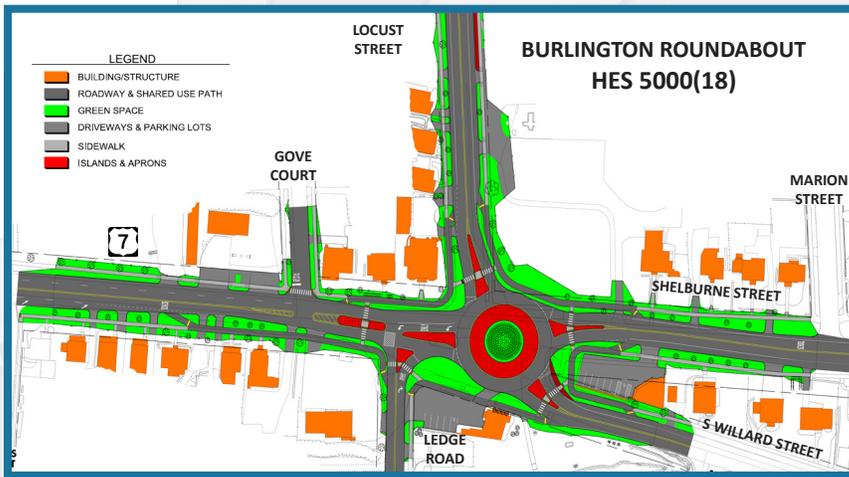
- Provide continuous traffic flow at low speeds;
- The geometry of the roundabout focuses user's sightlines;
- The single lane roundabout will accommodate up to 25,000 vehicles per day without needing additional lanes;
- Expected to reduce crashes by up to 72% (per FHWA CMF Clearinghouse);
- All left-turn lanes become right-turn lanes, which makes the roadway more predictable for users;
- Crosswalks will be shorter in length for pedestrians and will be in highly visible locations;
- Buried utilities will be relocated and consolidated in duct banks for easy and safe maintenance accessibility;
- New buried sand filters and detention vaults to treat previously untreated stormwater runoff without surcharging existing accepting systems;
- Area drive accesses will be controlled;
- The central island will create an opportunity for aesthetic treatments and a city gateway.

CONSTRUCTION

Construction is slated to begin in 2021 and continue through 2023. The first year of construction will focus on underground utility relocation and installing new water and sewer lines. The second half of construction will focus on building the roundabout, splitter islands and a center island. Construction activity will be conducted primarily during daytime hours.



Shelburne Street Roundabout map of utilities in the project.



Proposed roundabout.

TRAFFIC IMPACTS

There will be detours and road closures in place during select construction phases. A Transportation Management Plan will be implemented through the construction and will include:

- Maintained pedestrian and bicycle accommodations through construction
- Detour routes for select construction phases
- Restricted left turns during select construction phases
- Potential off-site student pick-up drop-off locations
- Comprehensive construction phasing/sequencing plan

Traffic impacts and updates will be posted regularly on the project website.

VTRANS PROJECT MANAGER: Michael LaCroix

BURLINGTON DPW PROJECT MANAGER: Olivia Darisse, P.E.

DESIGNER: VTrans Traffic Design Section

CONTRACTOR: TBD

STAY INFORMED

There are multiple ways to stay informed about project activities during construction.

- Weekly email Construction Updates including information about roadway detours will be distributed during construction. Sign up today by emailing the team at info@shelburnestreetroundabout.com.
- Traffic Alerts will be distributed via email when unexpected activity or changes to the schedule occur.
- The project website, vtrans.vermont.gov/projects/burlington-roundabout, will be updated with new project information, weekly Construction Updates and Traffic Alerts.
- The project's 24-hour public telephone hotline, 802-496-8956, can be reached at anytime to share concerns or ask questions related to the Shelburne Street Roundabout Project.
- VT-Alerts will be used to issue urgent announcements at the discretion of Burlington DPW.



Email us at info@ShelburneStreetRoundabout.com or call 802-496-8956