

Project Preparation

Burlington's Southern Gateway



Shelburne St. Roundabout

BURLINGTON, VT.

April 1, 2021
NPA – Ward 6



Project “Refresher”: *Shelburne Street Roundabout*



- Opportunity to have direct contact with residents and businesses in the project area before construction begins **THIS SUMMER!**
- Quick refresher on WHAT we are doing, not so much about the WHYs.
- Update on NEXT STEPS.
- Provide residents and businesses our Contact information.

Welcome to the Rotary!



**Shelburne St.
Roundabout**
BURLINGTON, VT.

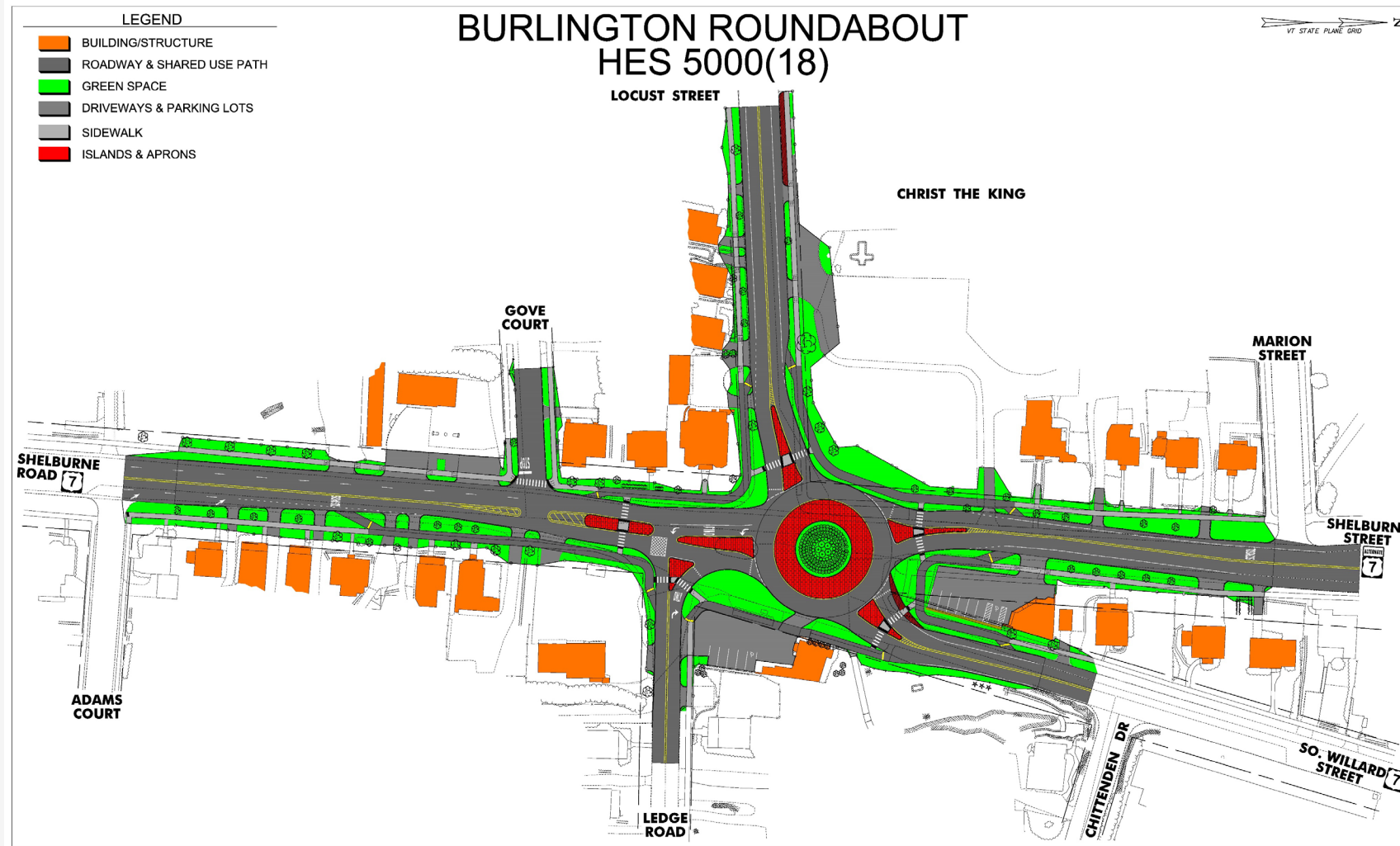


Shelburne Street Roundabout Project

The Solution: *The Modern Roundabout*



**Shelburne St.
Roundabout**
BURLINGTON, VT.



The Solution: *The Modern Roundabout*



Waterbury, VT



Project Benefits:

The Modern Roundabout



**Shelburne St.
Roundabout**
BURLINGTON, VT.

- Can handle the 19,200 vpd without needing new travel lanes
- Expected crash reduction of up to 72%
- Geometry of the roundabout focuses users' sight lines by revealing and obscuring certain perspectives.
- Left turns become right turns and become more predictable to all users.
- Crosswalks will be shorter in length (crossing only one lane at a time at the splitter islands) and will be in highly visible locations.
- The Central Island will create an opportunity for aesthetic treatments (creating a city gateway).

Schedule & Budget



Schedules may change.

- Contract Award: ~May 1, 2021
- Contractor: To Be Determined-Tomorrow: April 2nd!!!
- 100% Federal Funded
- ~\$7,800,000 total (-\$171,000 for contamination clean-up: VT Petroleum Cleanup Fund)
 - ~\$250,000 for concrete duct bank alone
 - ~\$1,155,000 for reimbursable utility relocations
- ***Meet the Contractor at the Community Meeting (forthcoming) – keep your eyes open for an invite!***

Anticipated Construction Impacts

No Small Feats



Ledge/Bedrock

- Shallow in places. **Blasting required.**
- Blasting Contractor will be available to the public for questioning.

Archaeological

- Excavation of historical artifacts by UVM.

Hazardous Materials

- Excavation of petroleum contaminated soils.
- Dewatering and treating of contaminated groundwater.

Utilities

- Build new buried infrastructure
- **Keeping existing services active, there may be minor shut-offs with advanced warning.**
- Disconnect and remove services after new services are installed

Transportation Management

- Many construction phases → TBD by Contractor
- **Detours & Constant phase changes**
- **Lane and turning restrictions**
- **Maintaining driveway, bike, and pedestrian access**

These challenges need to be relayed with the Public, so...

Public Outreach

The Importance of Communication

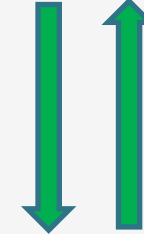
WSP, Inc.

- Hired by VTrans
- In direct communication with VTrans and DPW
- Will be participating in **WEEKLY** meetings with the construction contractor and VTrans construction staff
 - Draft and broadcast traffic impacts
 - Manages Telephone Hotline & Project E-Mail Inbox
 - Take comments from public
 - Responds to questions directly or distributes to appropriate party for response
- This is the **FASTEST** path for information to residents, businesses and commuters. See next slide.

Shelburne Street Roundabout Project



Shelburne St.
Roundabout
BURLINGTON, VT.



Questions?



**Shelburne St.
Roundabout**
BURLINGTON, VT.



Learning More & Staying Up-to-Date



Visit the Project Website:

<https://vtrans.vermont.gov/projects/burlington-roundabout>

Sign Up Here for Continual E-Mail Blasts on Construction Activities and Traffic Updates



Email Us:

info@shelburnestreetroundabout.com



Call the 24-Hour Project Hotline:

802-496-8956