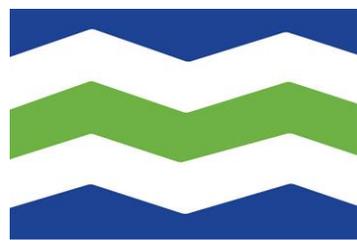
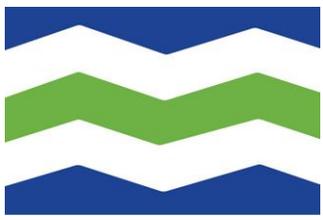


Champlain Parkway Update and Upcoming Contract Award



City Council
April 11, 2022



The South End Construction Coordination Plan and The Champlain Parkway

Reinvesting in aging infrastructure & bringing legacy projects to construction

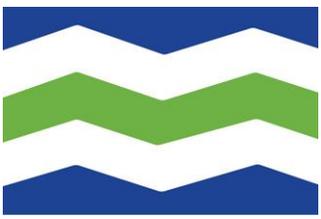
- The proposed South End Construction Coordination Plan includes an approach to phase the Champlain Parkway construction.
- This proactive proposal, grounded in the support of our Federal and State partners, lays out a pragmatic path to achieving a major renewal and modernization of the City's South End infrastructure while reducing community impacts.

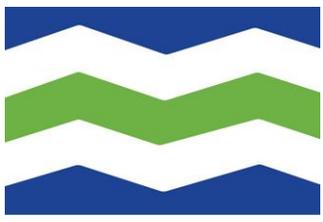


South End Construction Coordination Plan

BURLINGTON SOUTH END PROJECT SEQUENCE - Last Updated on 03-03-2022

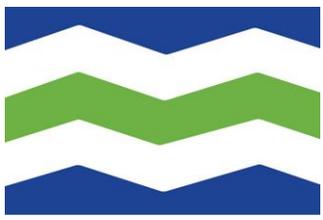
Project/Segment	2021	2022	2023	2024	2025	2026	2027
I-189 Ramps Class 1 Paving	CONSTRUCTION						
US 2, US 7 & US 7 Alt Class I Paving		CONSTRUCTION					
Vermont Rail & Amtrak Railroad Upgrade Projects		CONSTRUCTION					
Shelburne Street Roundabout		CONSTRUCTION					
Champlain Parkway Home Ave to Lakeside Ave (C2) & C1 Path		CONSTRUCTION					
Champlain Parkway Lakeside Avenue	PERMITTING & DESIGN		CONSTRUCTION				
Champlain Parkway Pine Street from Lakeside Ave to Kilburn St	PERMITTING & DESIGN			CONSTRUCTION			
Main Street - Great Streets (Battery to Union)		DESIGN		CONSTRUCTION			
Railyard Enterprise Project	NEPA, DESIGN, PERMITTING & ROW				CONSTRUCTION		
Champlain Parkway I-189 to Home Ave (C1)				PERMITTING & DESIGN	CONSTRUCTION		
Champlain Parkway Pine Street from Kilburn St to Main St						CONSTRUCTION	





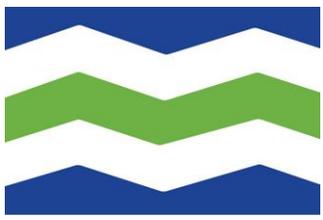
This Plan achieves several important objectives:

- **Minimizing Construction Impacts:** Careful coordination between all the upcoming South End projects can lessen impacts on homes & businesses.
- **Achieving Many Parkway Benefits Promptly:** By splitting the Parkway project into two separate contracts, the City is able to promptly initiate project construction.
- **Making the Interstate Connection When Ready:** The proposed sequencing provides a window to get the South End community infrastructure in place before opening the Champlain Parkway's connection to I-189, with the I-189 connection being completed in 2027 – a full six construction seasons from now, and projects an overall reduction of traffic in the King St and Maple St neighborhood.
- **Advancing Parkway to Completion**



Achieving Many Parkway Benefits Promptly, Phase 1 work includes:

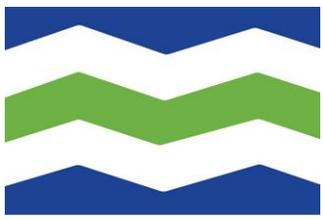
- **New 25mph grid street between Home Ave & Lake Ave**
- **New stormwater infrastructure to reduce over 3 tons of sediment from being discharged into Lake Champlain annually**
- **2 miles of shared use path**
- **Improved, raised intersections & a new midblock crosswalk @ Arts Riot**
- **An enhanced Pine St: new granite curbs, reconstructed sidewalk w/ ADA-compliant access ramps on the eastern side, new top pavement with improved surface drainage**
- **Underground utilities on Lakeside Ave, and replacing approximately 4,000 ft of waterlines and 3,000 ft of sewer lines**
- **Reconstructed rail crossings with new active warning system, including new gates**



VTrans Repayment Provision Communication (dated 9-13-21)

“It is our understanding that the City is hearing from residents and others who are alleging that the repayment/payback provisions will not be exercised if Burlington were to opt out of the project. As of the date of this letter the total Federal/State/Local tax payer funding spent on all efforts associated with this project through September 3, 2021, is over \$45 million...In the unfortunate event that the City is unable to maintain the momentum to advance this project, the Agency will be required to seek project cost recovery action against the City under the FHWA 20 Year Rule (23 U.S.C. 108) requirements for repayment / payback of Federal funds invested in the project, as well as State funds invested and recoverable under the existing agreement between the City and the Agency.”

[emphasis added]



Champlain Parkway Bid Results (Initial Construction Contract):

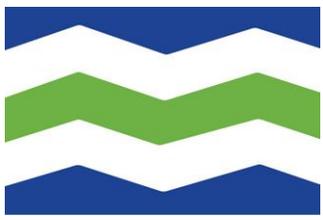
• Engineer's Estimate	\$26,514,741.88
• Bid	\$40,980,143.40
• Difference	\$14,465,401.52

Local Match

• Originally budgeted	\$482,112.42
• Revised amount	\$977,048.69
• Difference	\$494,936.27

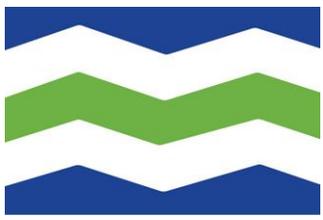
Non-Participating

• Originally budgeted	\$2,409,121.00
• Revised amount	\$3,428,689.00
• Difference	\$1,019,568.00



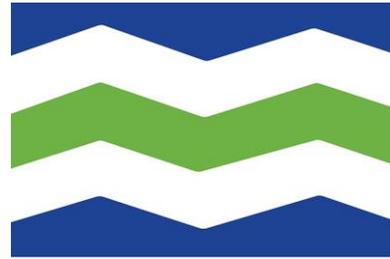
Bid Pricing Factors :

- **During the bid advertisement period Russian military forces invaded Ukraine. Since this action, a surge in energy costs has been seen and is anticipated to continue.**
- **Inflation rate in the US was announced to increase to 7.9%. Supply constraints, high demand and labor shortages will may maintain inflationary pressures.**
- **Infrastructure Investment and Jobs Act (IIJA) is providing additional funding for infrastructure projects throughout the country which is creating an increased demand on contractor services.**
- **Since IIJA provides a funding source for five years, rebidding the initial phase is not anticipated to result in more competition nor a decrease in the contractor's estimate.**
- **A small bidding field likely lead to generally higher unit pricing.**



Champlain Parkway Timeline:

- **Sept 13, 2021 – City Council – Contract amendment and SECCP**
- **February 3 – Bid advertisement for initial construction contract**
- **March 18 – Bid opening and subsequent bid analysis**
- **April 11 – City Council – Briefing on bid, project status**
- **April 20 – CCRPC Board – TIP amendment public hearing notice**
- **April 25 – City Council – Construction contract award**
- **May 18 – CCRPC Board – TIP amendment**
- **End of June – Commencement of construction**



Champlain Parkway Update and Upcoming Contract Award

Department of Public Works

April, 11, 2022