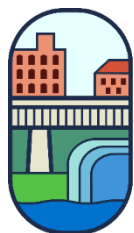


WELCOME!

We're here to talk about
The Burlington-Winooski Bridge Replacement and
Intersection Improvement Project

April 9, 2025



**BURLINGTON
WINOOSKI
BRIDGE**



Why Are We Here?



To **engage** in a meaningful discussion about the upcoming Burlington-Winooski Bridge replacement project.



Highlight the connection between this project and **STEAM** (Science, Technology, Engineering, Arts, and Mathematics) **careers**.



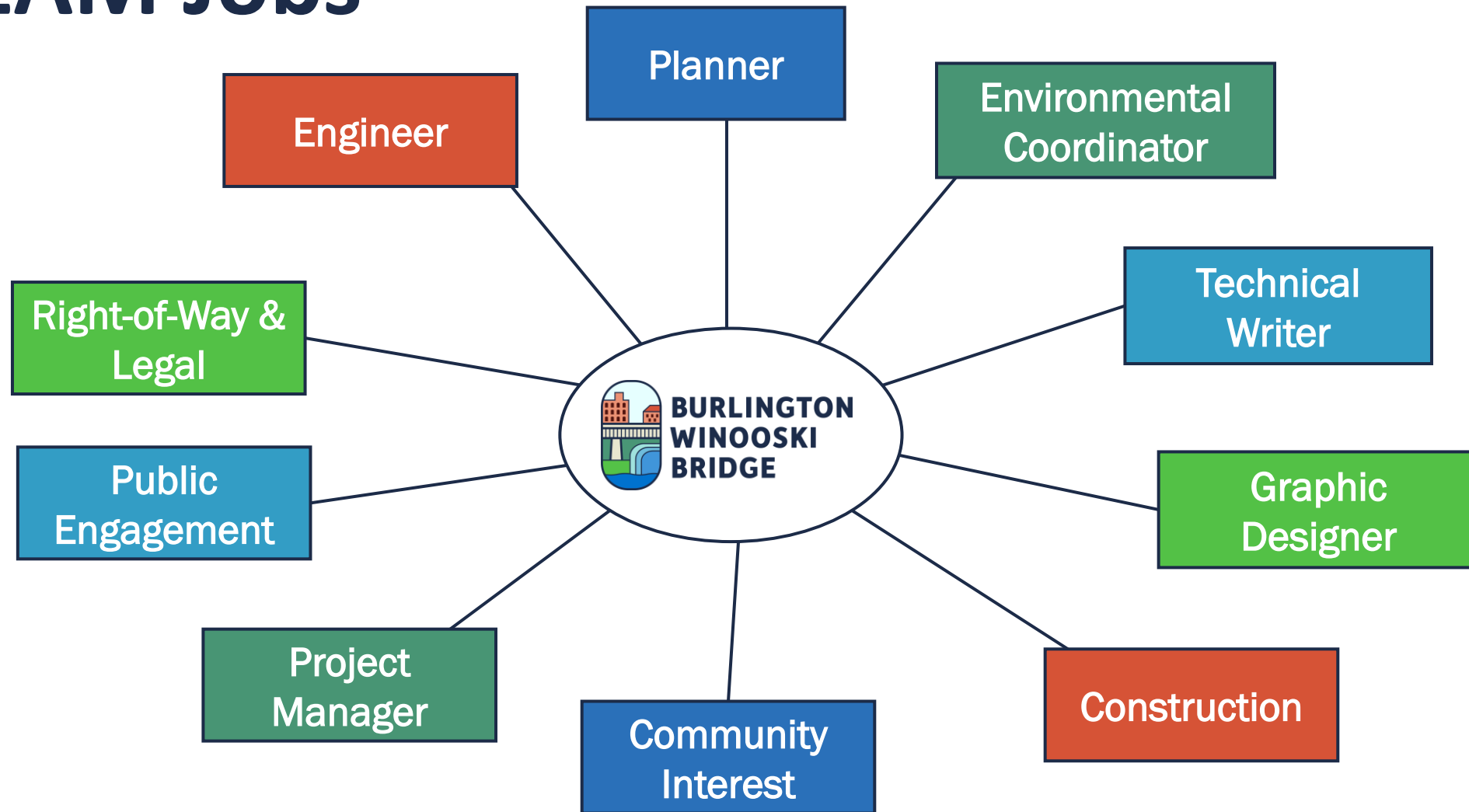
Get involved in your community and **contribute your voice** to a major infrastructure project that will affect your community for years to come. **Your perspective is important!**

The Project Team

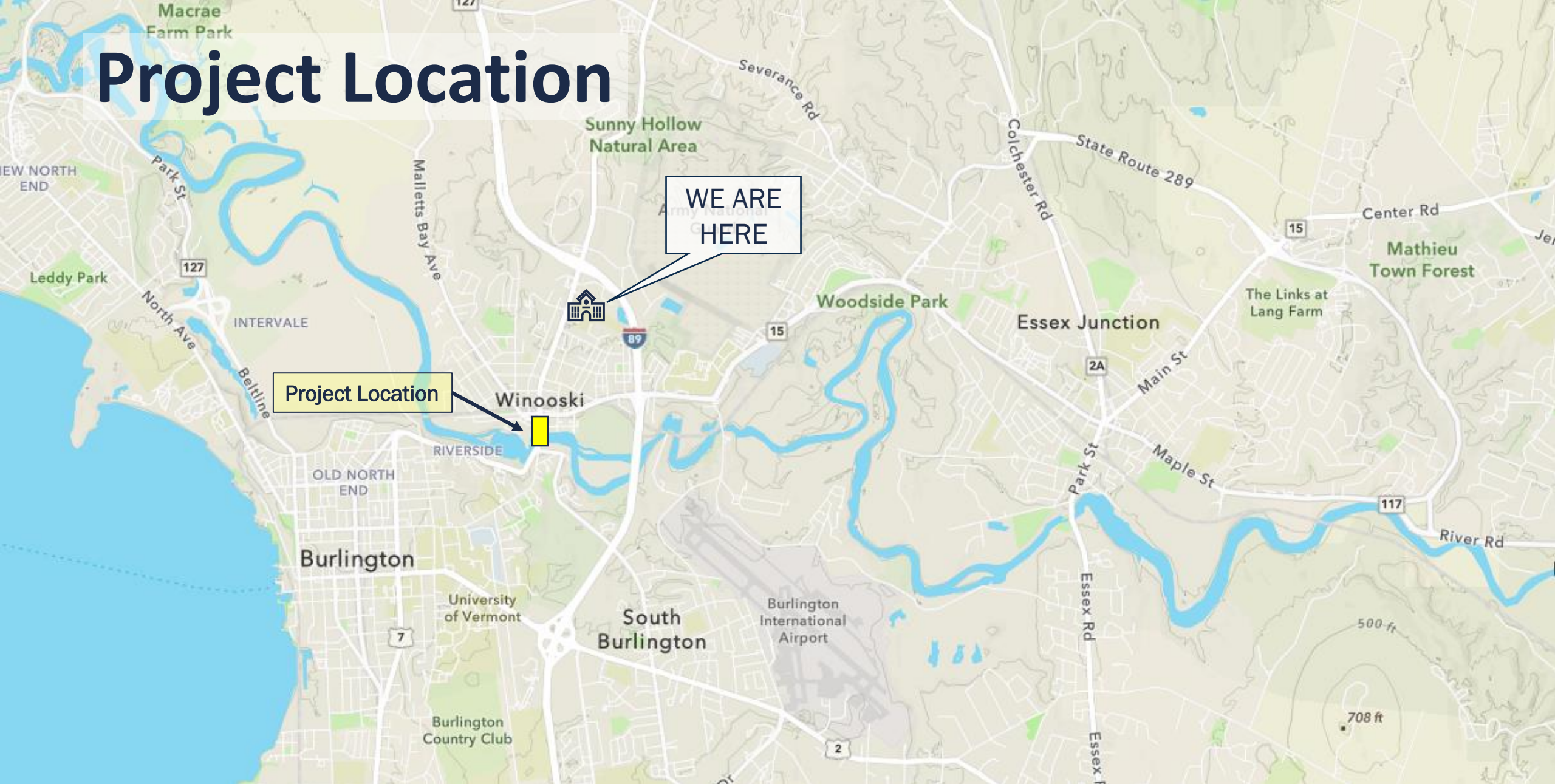


This is only a portion of the team working to make this project a reality for the community!

STEAM Jobs



Project Location



Project Area

Sneakers Bistro

Rotary Park

Winooski Wheels

Waterworks Cafe

Domino's Pizza

Pingala Cafe

Winooski
Burlington

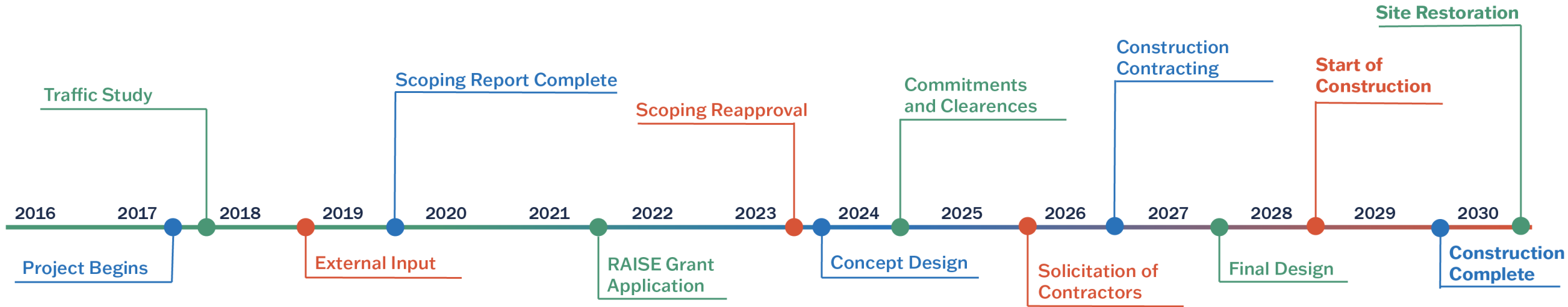
Image Landsat / Copernicus

Project Focal Points

Intersection

Bridge

Project Timeline



Planning

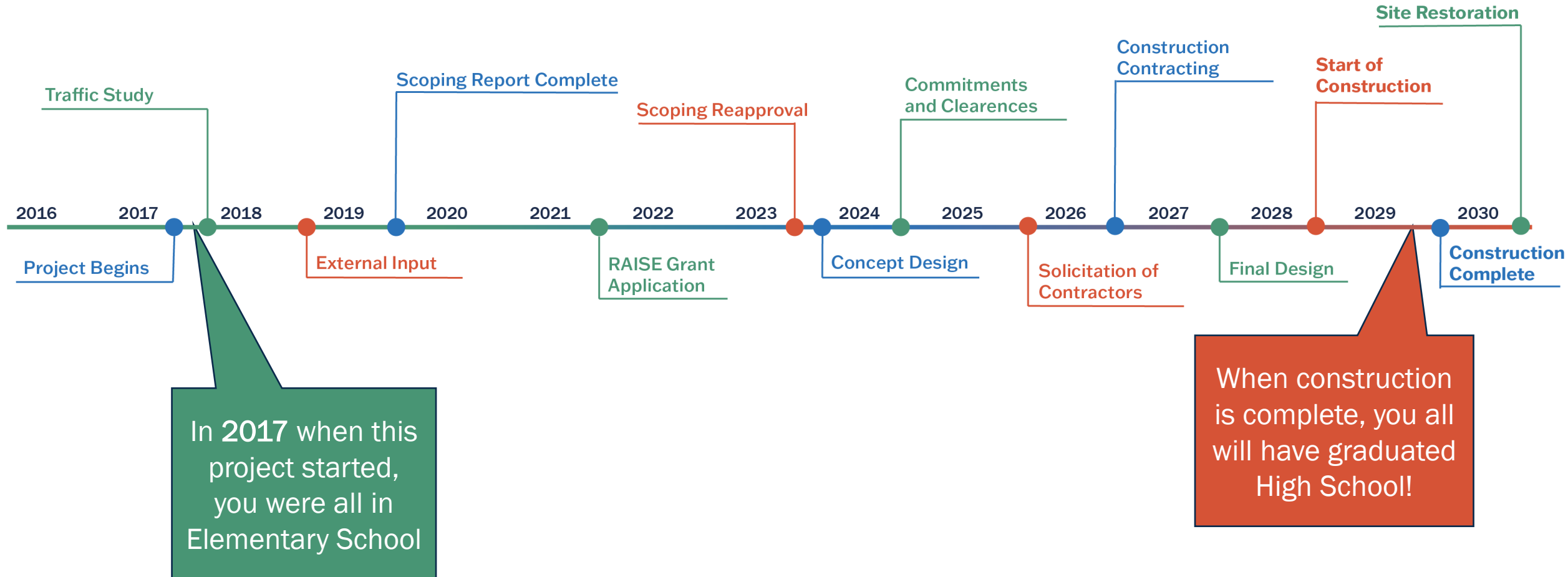
- Identify “what” we should do and “why”
- Find Funding

Design

- Determine “how” and “what”
- Secure permits and access

Final Design and Construction

Project Timeline



Purpose and Need



Grocery Shopping Example: Imagine you and your friends are planning a grocery store run to make a big dinner for your group. First, you need to ask: Why are we going? What's the purpose of the trip?

- **Purpose:** You're going to the store to get ingredients for a meal
- **Need:** What are the specific ingredients for the meal, and the right amount



This part of the process is just like the **scoping phase** in infrastructure projects, like improving a bridge.

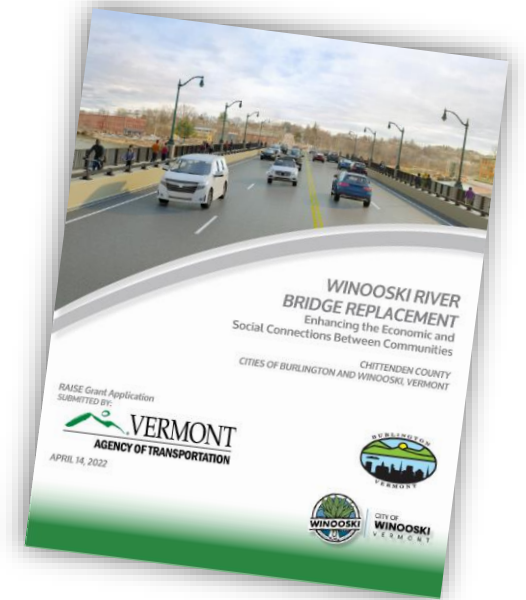
- **Purpose:** Improve the bridge condition and accommodations
- **Need:** Reduce maintenance and increase area for bicyclists and pedestrians



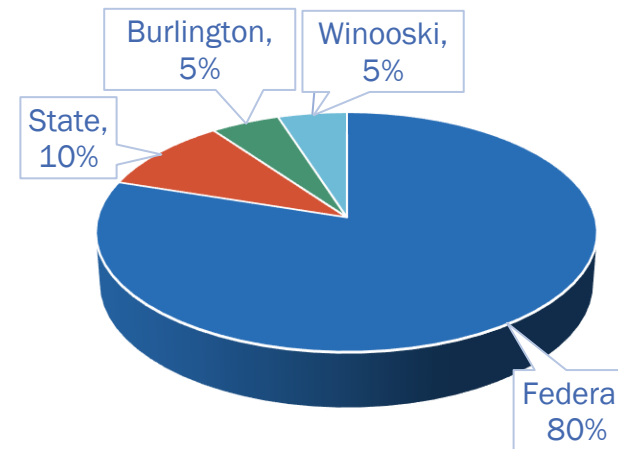
Cost and Funding

- Bridge Project Received a Federal RAISE Grant worth approximately \$24.8 million.
- Total Bridge Project costs are estimated to be conceptually \$70 - \$80 million.
- Total Intersection Project costs are estimated to be conceptually \$8 - \$9 million.

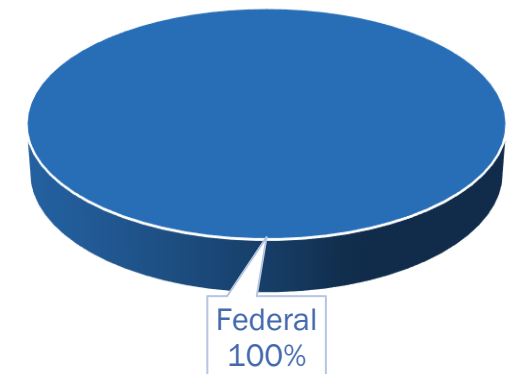
With that amount of money,
you could buy 1.3 million video
games, or over 100,000
iPhones!



Bridge



Intersection



Coordination *(Since Spring 2023)*



Public Meetings



Local Government Meetings



Stakeholder Engagement



Website and E-Blasts



Travel Survey



Utility Coordination



Environmental Coordination



Stakeholders Engaged:

Burlington Electric Department
Burlington Fire
Burlington Telecom
Burlington Walk Bike Council
Chittenden County Sheriffs
Colchester Rescue
Consolidated Communications
Comcast
Downtown Winooski
Essex Rescue
Firstlight
Green Mountain Power
Green Mountain Transit
Lake Monsters
Local Motion
Lumen
Premier Coach
St. Michael's Fire and Rescue
State Police
UVM CATS
UVM Health
UVM Police
Vermont Division for Historic Preservation
Vermont Gas
Vermonters for People Oriented Places
VTEL
Winooski Alliance for Active
Transportation
Winooski Fire and Rescue

Coordination *(Since Spring 2023)*



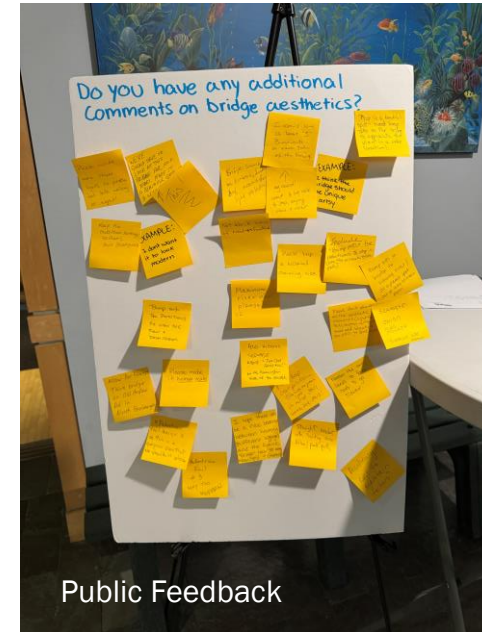
Farmers Market



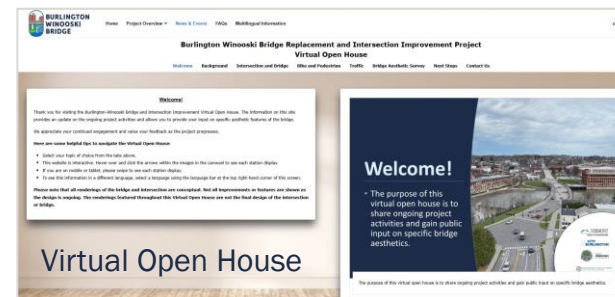
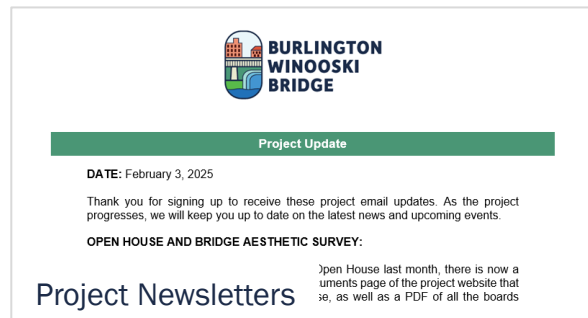
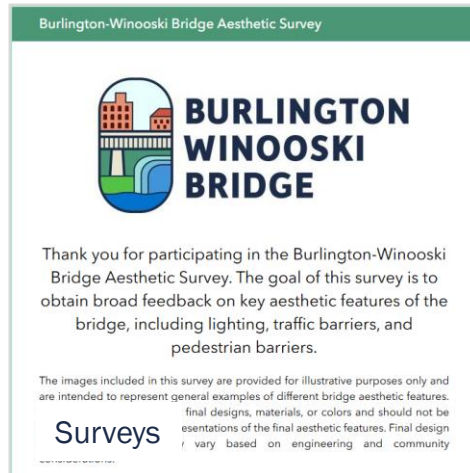
Mural Painting Event



Open House



Public Feedback



Virtual Open House

All this, and more, to keep your community informed!

Active Construction - Examples



Alternate Alignments and Construction Methods

On-Alignment	FEATURE	Shifted Alignment
Tangent	Alignment	Curved
4	Lanes Detoured	2
4 - 6*	Detour Duration (Weeks)	16 - 24**
24 - 30	Construction Duration (Months)	24 - 30
No	Potential Under Bridge Path in Burlington	Yes

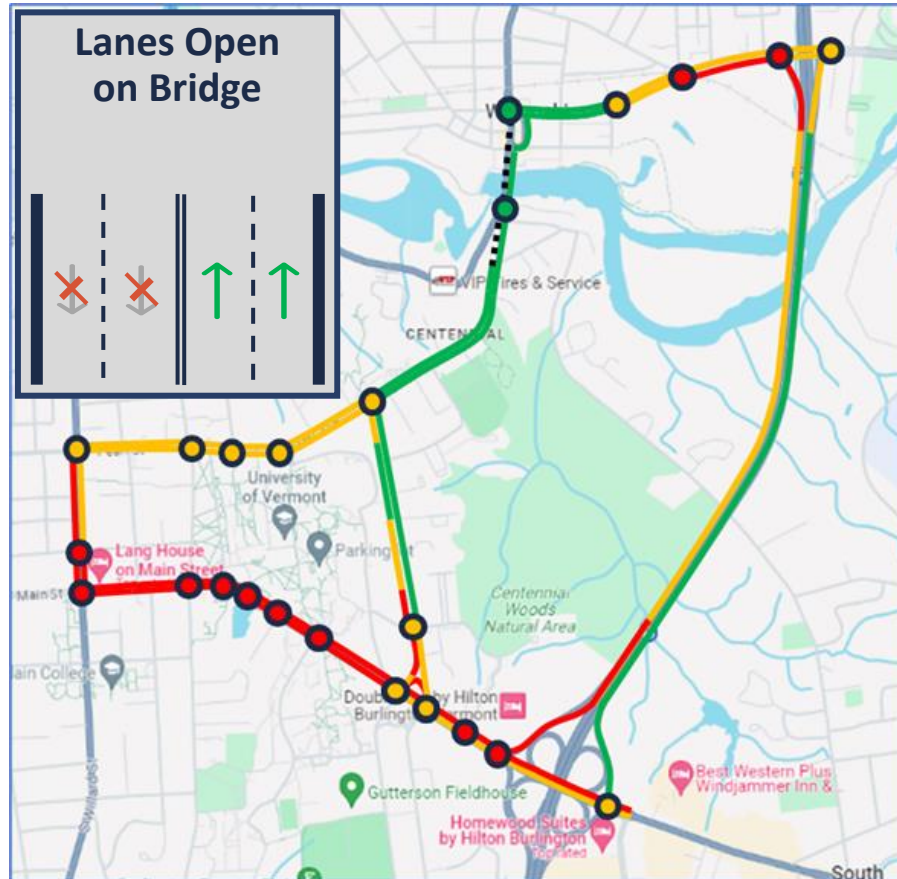
* Detour duration is for a full vehicular closure (NB & SB traffic detoured)

** Detour duration is for a partial vehicular closure (only SB traffic detoured)

Traffic Control

Two types of maintenance of traffic plans were evaluated to manage the effects of maintaining traffic during construction:

SB Closure With Detour



Full Closure With Detour

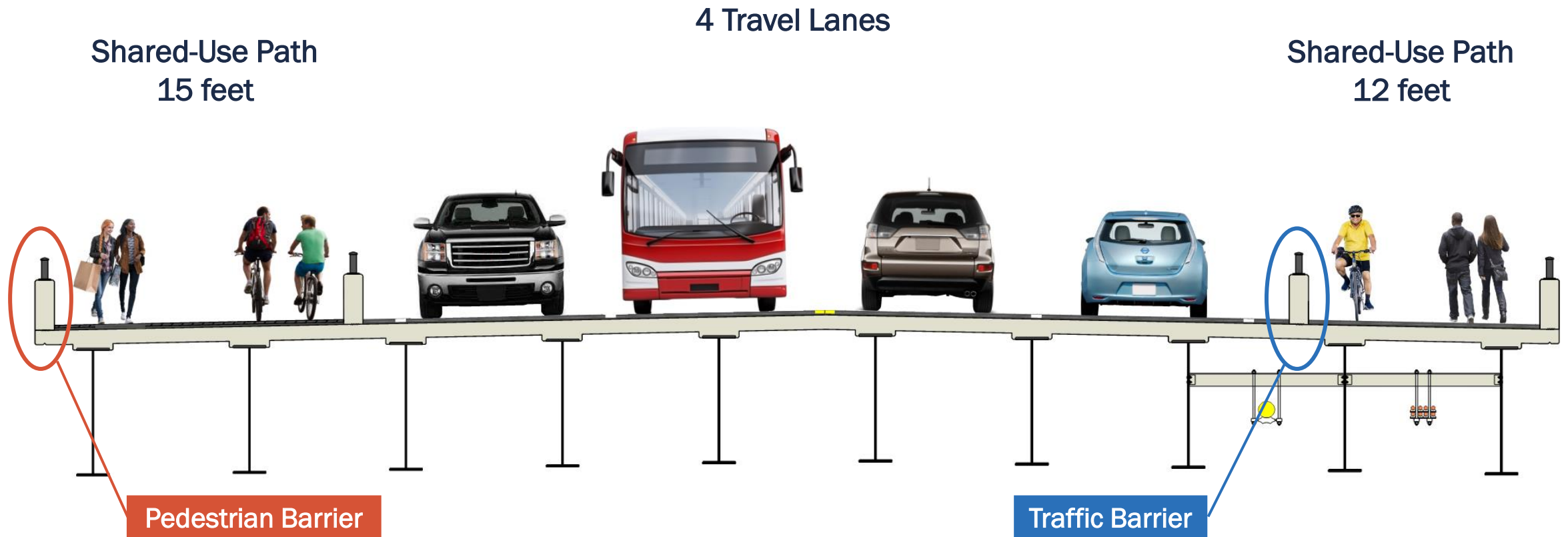


Legend

Free-Flowing

Congested

Who Goes Where



Looking North into Winooski



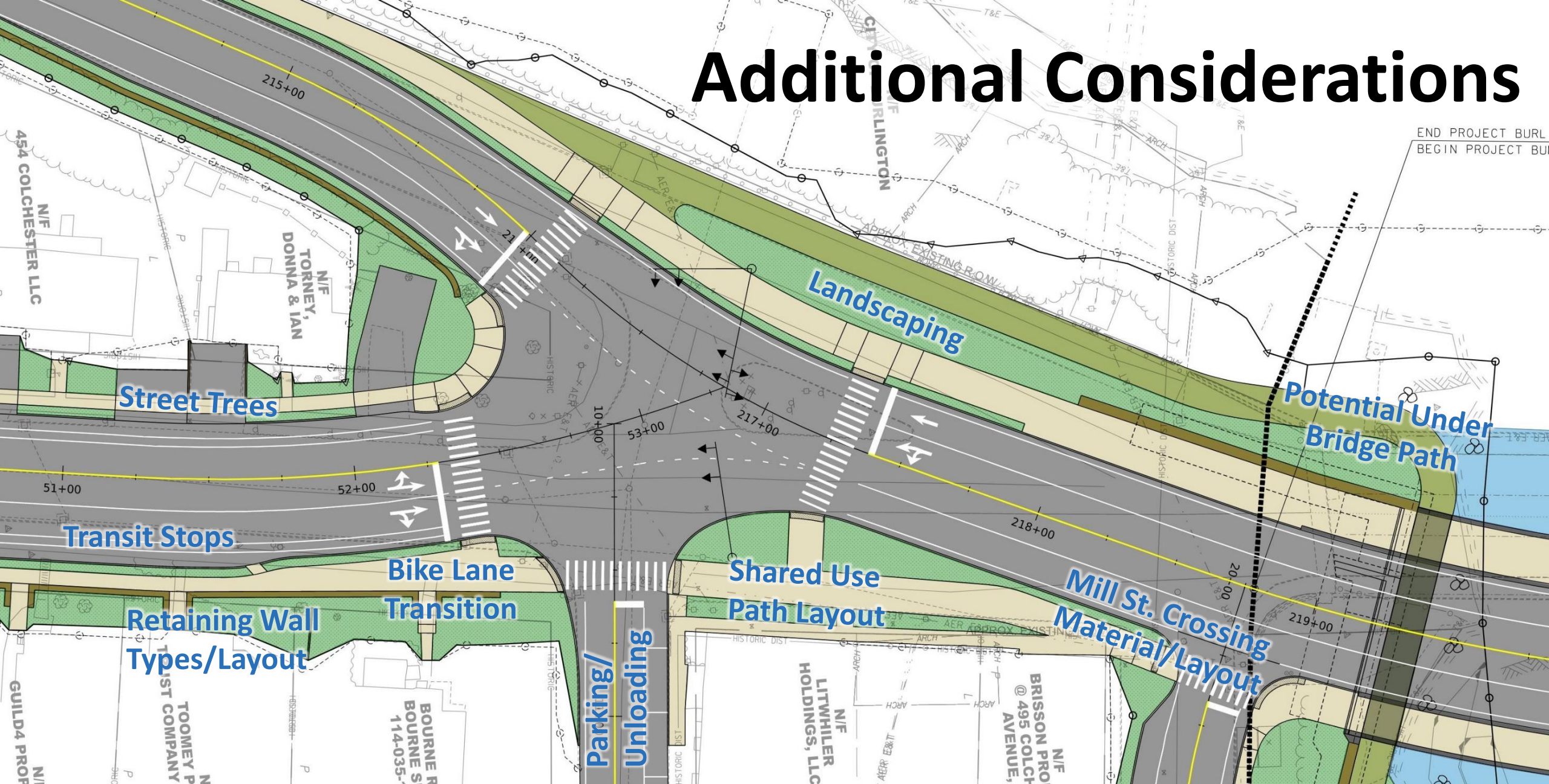
Looking South into Burlington



Looking East

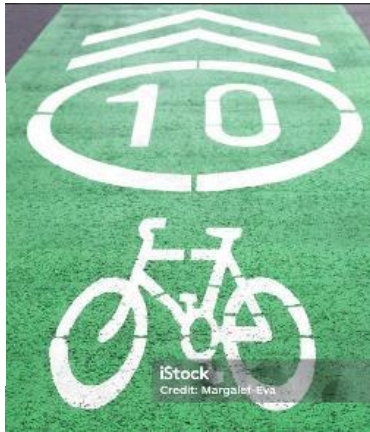


Additional Considerations



Bike and Pedestrian Safety

- Bike and Pedestrian access will be maintained during construction.
- Provide continuity and safe transitions through the intersection and bridge.
- Pedestrian phase of signal – exclusive vs. concurrent, leading pedestrian intervals, pedestrian detection, etc.
- Use signing and striping to encourage safe operation through the intersection, onto the bridge, and in the shared-use path on the bridge.

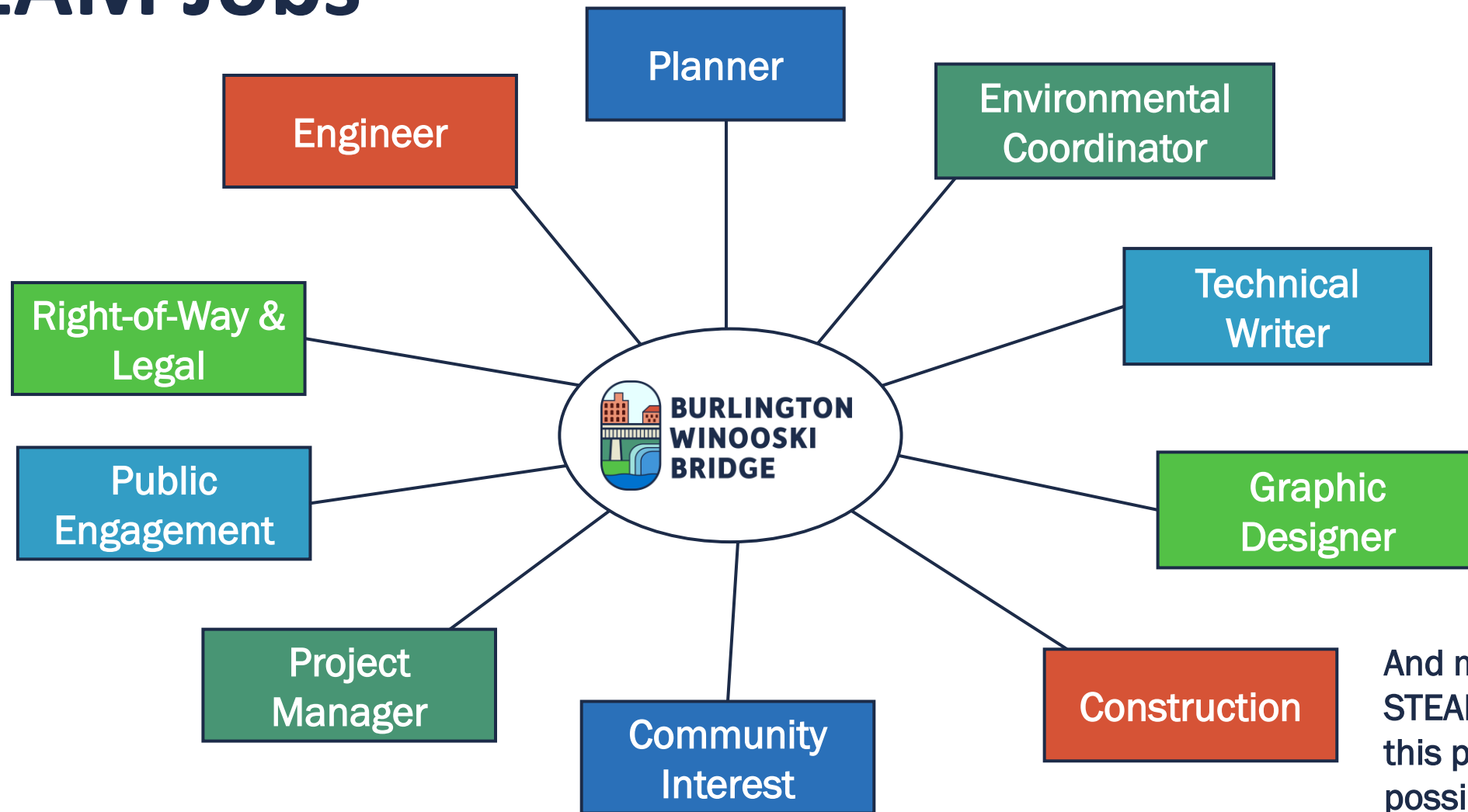


Bridge Aesthetic Survey

- The goal of this survey is to obtain broad feedback on key aesthetic features of the bridge, including lighting, traffic barriers, and pedestrian barriers.
- Your feedback is important. Join your community in helping to shape the look of the new bridge!



STEAM Jobs



And many more
STEAM jobs make
this project
possible!

VTrans Summer Program

Unlock Future Career Opportunities with Vermont's Agency of Transportation **Free** National Summer Transportation Institute (NSTI) camps!

- Get hands-on experience with drones, heavy equipment, and bridge design.
- Visit construction projects and learn from industry experts.
- Explore eco-friendly transportation systems and how they relate to Math, Science, and English.



Scan the QR Code to learn more about NSTI

Questions?

Scan the QR Code to
learn more about the
National Summer
Transportation
Institute (NSTI) camps



Scan the QR Code to
take the Burlington-
Winooski Bridge
Aesthetic Survey!

