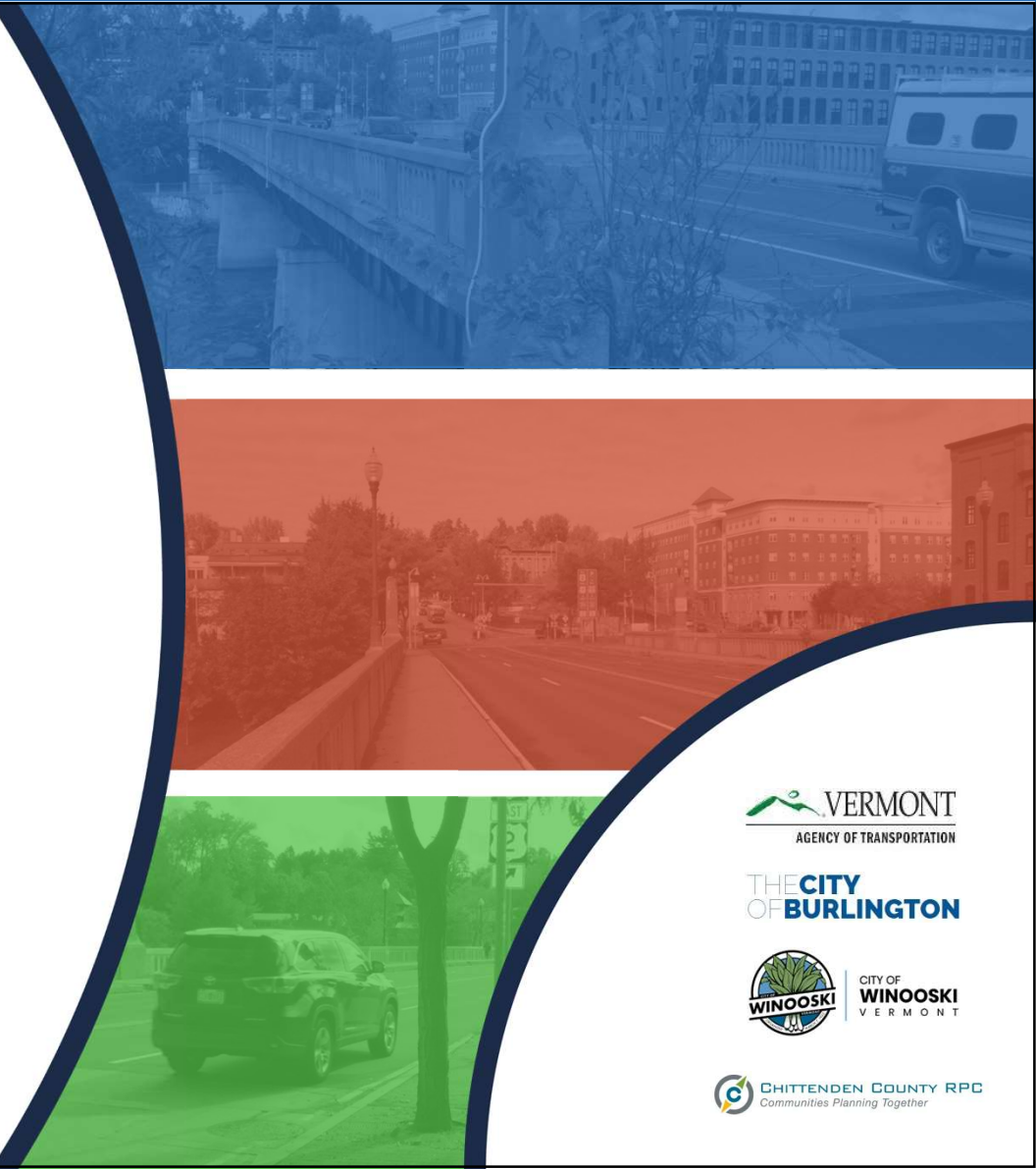


# Burlington City Council Meeting

Burlington-Winooski BF RAIZ(2)  
Burlington STP 5000(29)

December 16, 2024



# Introductions

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- **Bob Klinefelter** – VTrans Structures Project Manager
- **Michael LaCroix** – VTrans Traffic Project Manager
- **Carolyn Cota** – VTrans Structures Program Manager
- **Josh Olund** – HNTB Structures Project Manager
- **Steve Spear** – HNTB Roadway Project Manager

# Meeting Purpose

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- *To seek approval on the Base Technical Concept and the approach towards developing the contract documents.*



# Schedule – Current and Future

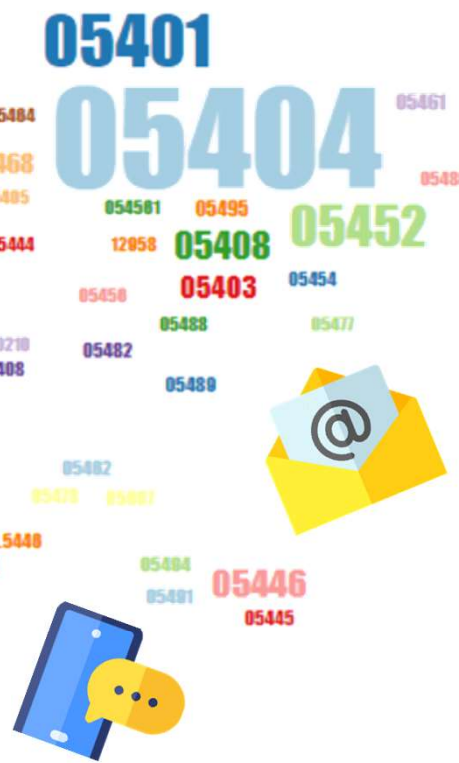




# Project Recap and Updates



# Coordination *(Since Spring 2023)*



## 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



## Project Refinement *(Since 2023)*

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- Merge the Bridge and Intersection Projects
- Assess and Confirm Scoping Decisions
- Alternate Construction Phasing
- Alternate Traffic Management
- Intersection Configurations

## Project Refinement *(Since 2023)*

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- Expanded the Downstream Bridge Shared-Use Path from 12' to 15'
- Improved Bike/Ped Connectivity through Intersection
- Further Review of Mill Street Left Turn
- Traffic Calming – Truck Aprons/Radii, Visual Narrowing, Curved Bridge, and Intersection Geometry



# Base Technical Concept (BTC)



*Existing Conditions*



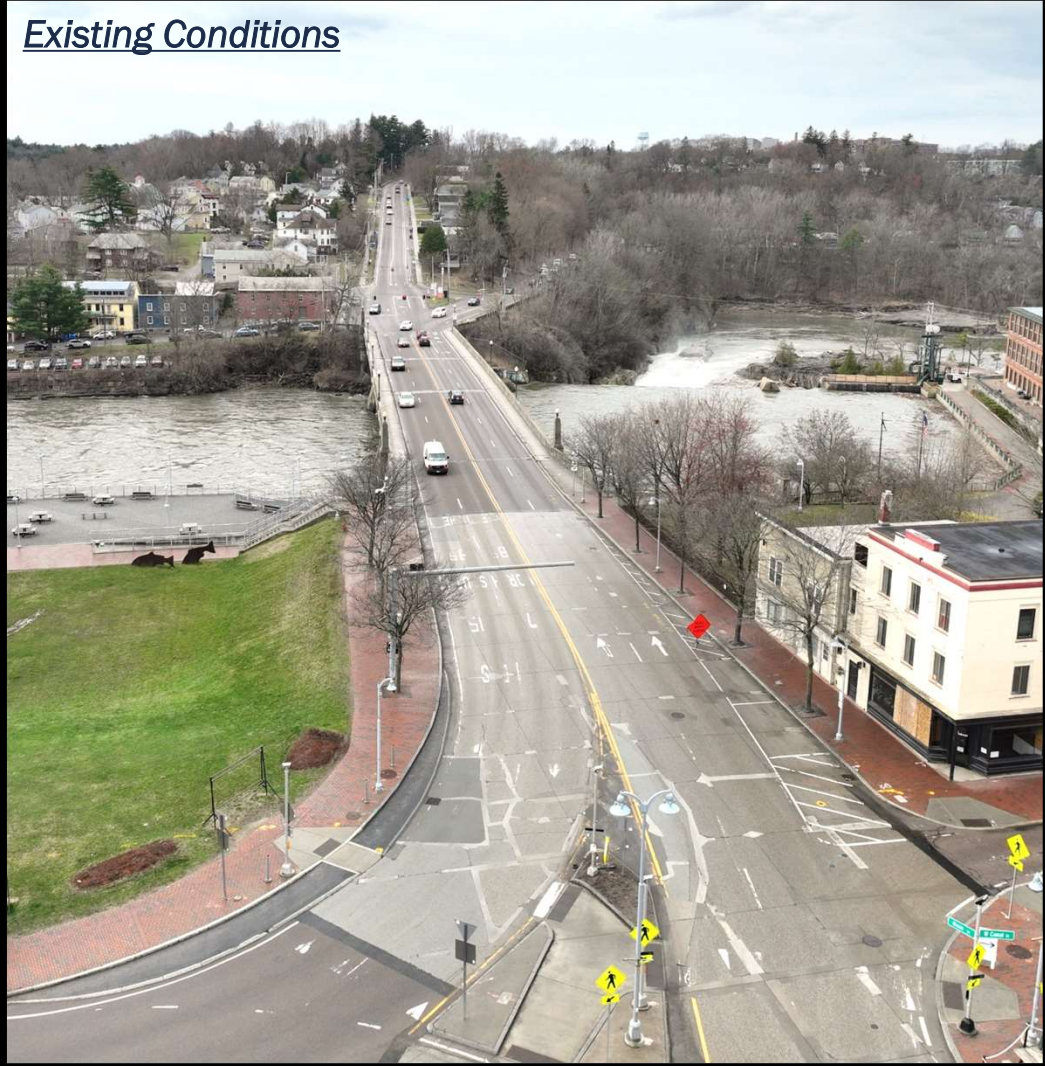
*Conceptual Shifted-Alignment*



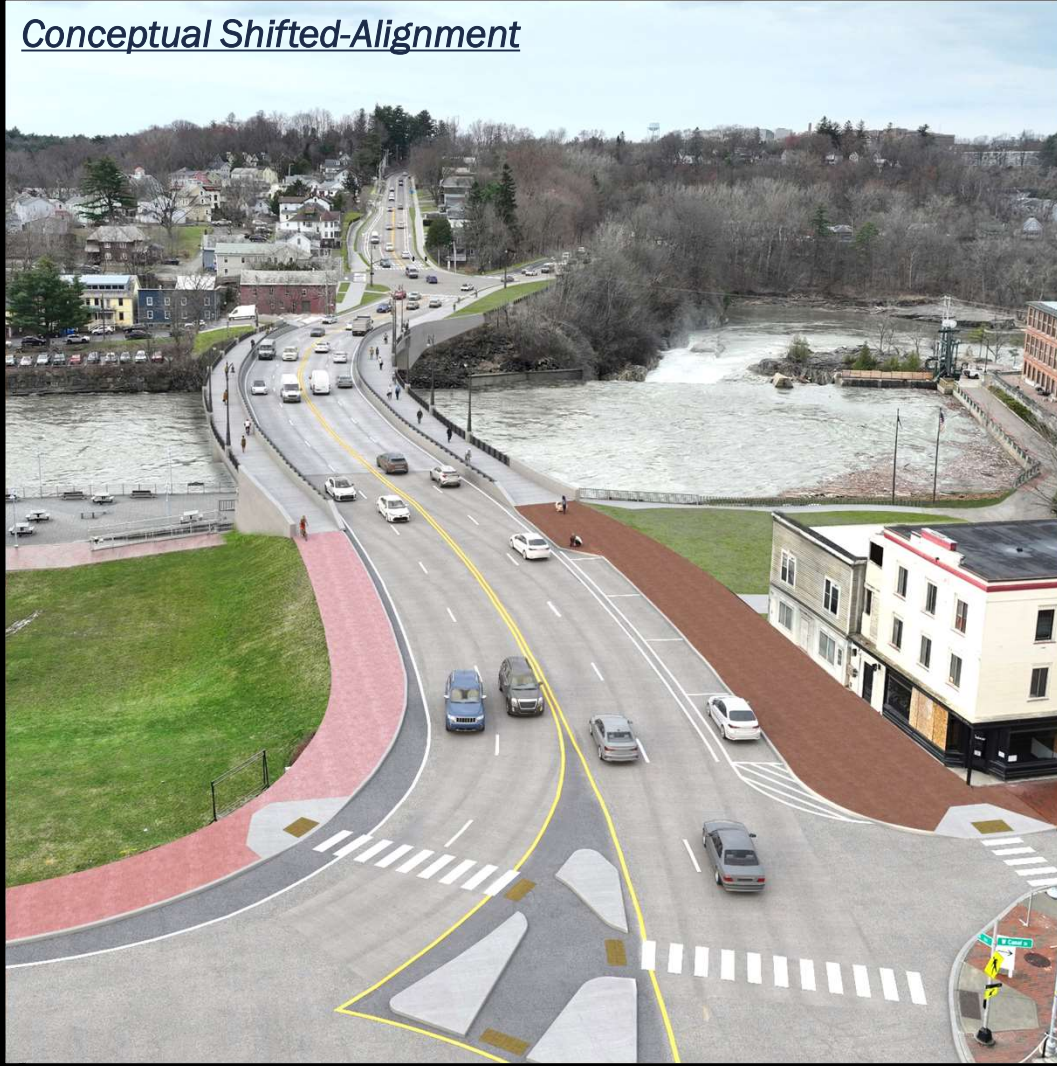
# View Looking North



*Existing Conditions*



*Conceptual Shifted-Alignment*



**View Looking South**





*Existing Conditions*



*Conceptual Shifted-Alignment*



Conceptual Shifted/Curved Alignment

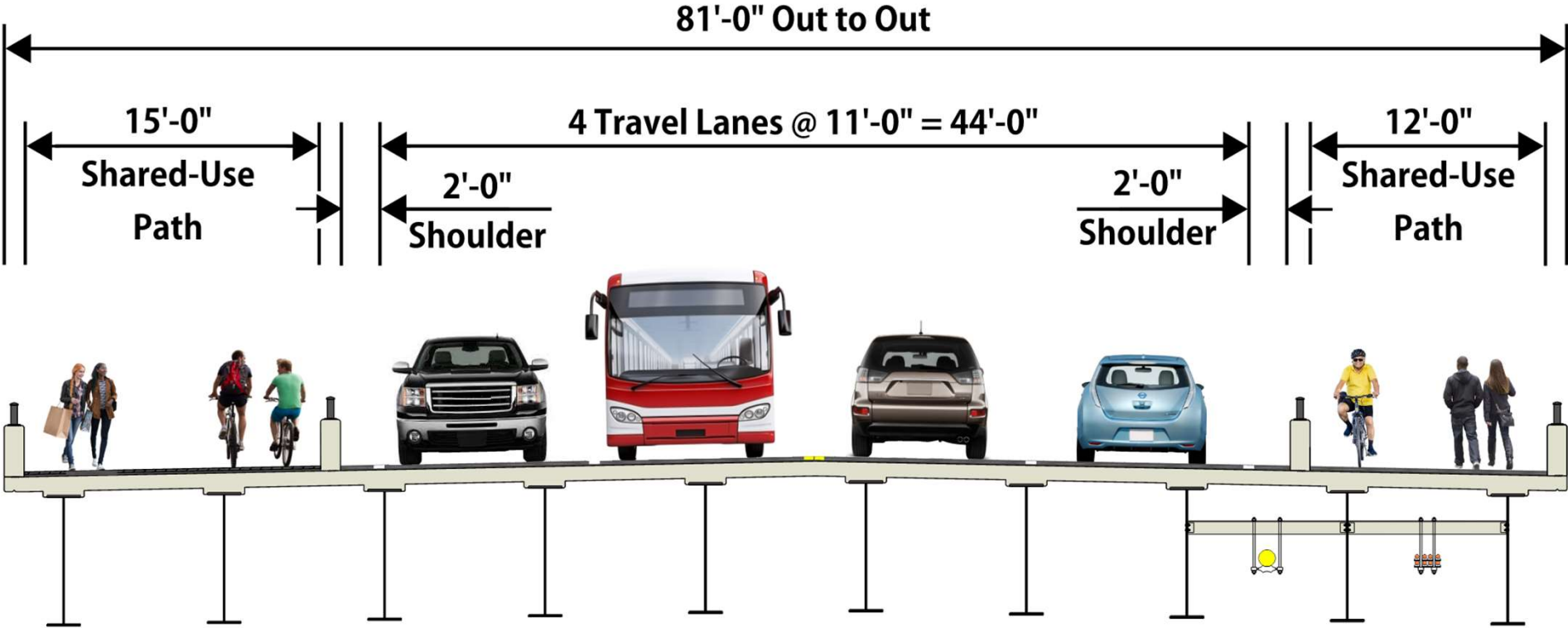


Conceptual On-Alignment



# Intersection View

# Bridge Cross Section



# RFP Considerations





# Prescriptive vs Flexible Requirements

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- **Prescriptive**: Items or actions that are required within specifically defined parameters, without exception.
- **Flexible**: Items or actions that represent the nature and goals of the project and have established boundaries, but are not prescriptively defined.

## Bridge: Additional Considerations

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- Promote Slow Vehicle Speeds with Narrow Travel Lanes
- Visual Narrowing of Lanes
- Drainage Such that it will not Impact Bicyclists and Pedestrians
- Traffic Management and Emergency Response as Priorities

# Intersection: Additional Considerations

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- Short Crosswalks
- Further Review of Mill St Left Turn
- Exclusive or Leading Pedestrian Phase
- Robust Gateway Design / Street Aesthetics / Trees
- Undergrounding of Aerial Utilities

## Intersection: Additional Considerations

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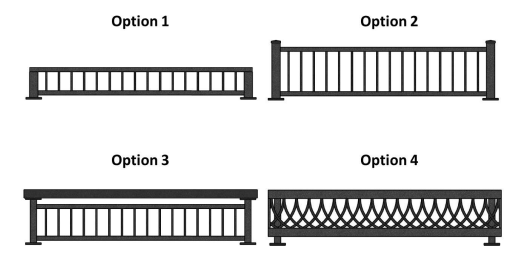
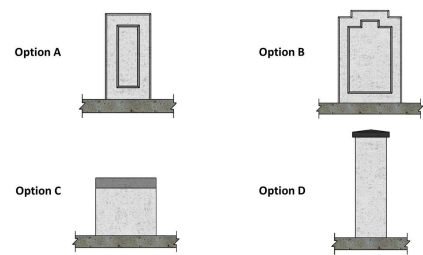
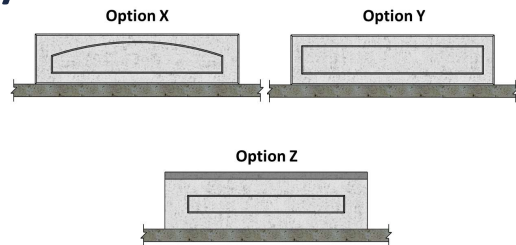
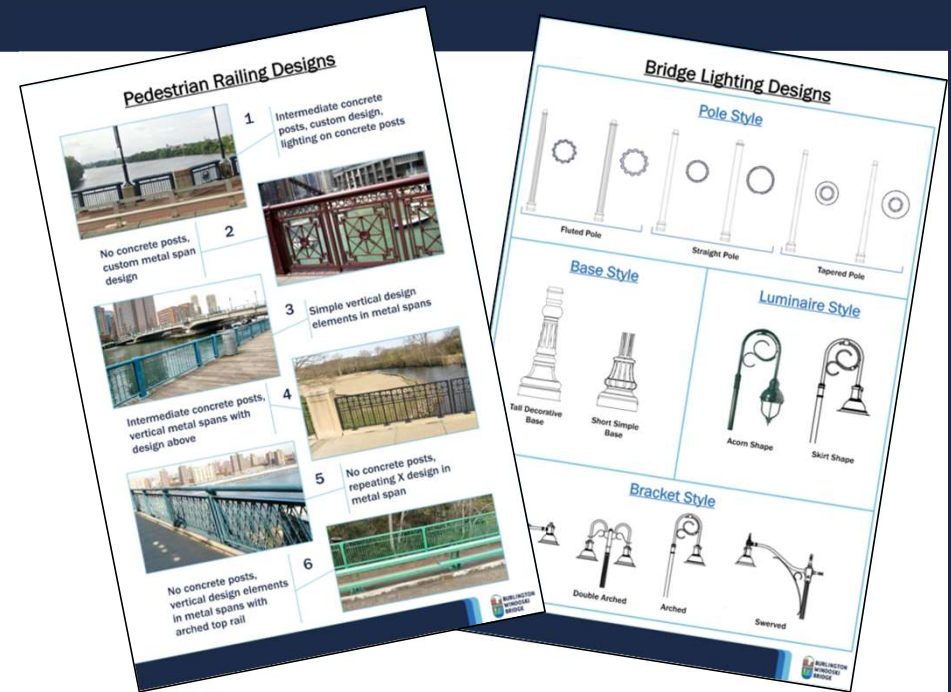
- Design to Slow Vehicle Speed: Truck Aprons, Tight Turning Radii, Visually Narrow Travel Lanes
- Inroad Bike Markings
- Design Focused on Bike Transitions and Conflict Points
- Allow for Proposals to Provide Protected Bike Facility through Entirety of the Project Limits

# Aesthetics and Features



# Bridge Aesthetics

- Collecting Public input on railings and lights
- Online survey



# Project Features

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- Public Comments:
  - Bump-outs (Overlooks)
  - Balance of Historic and Modern
  - Space for greenery and flowers



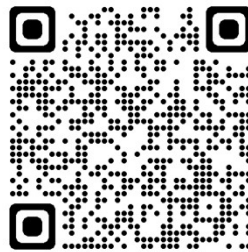
- Under Bridge Path Interest:
  - Good lighting/security
  - Add ramps on stairs for walking bikes



# Questions?



**BURLINGTON  
WINOOSKI  
BRIDGE**



<https://burlingtonwinooskibridge.vtransprojects.vermont.gov/>

