



CHITTENDEN COUNTY RPC
Communities Planning Together

Winooski Burlington Bridge Scoping Review
Monday, December 11, 2017
3:00 PM – 4:30 PM

AGENDA

1. Welcome/Introductions
2. Progress & Updates Since Previous Advisory Committee Meeting (July 25, 2017)
MJ to provide an update on project work performed, and a summary of Design Team meeting with VTrans held on Nov. 9th.
3. Discuss updated Purpose & Need Statement
4. Summary of Recent Resource Identification & Archaeological/Historic Identification
5. Summary of Bridge Alignment Modifications Performed
6. Summary of Alternatives Identified for Scoping Report
MJ to provide a summary of bridge alternatives that have been identified and developed for evaluation in the Scoping Report.
7. Scoping Report Development & Draft Decision Matrix Development Discussion - Next Steps
8. Public Draft Alternatives Workshop/Local Concerns Meeting Schedule (Tentatively Scheduled for January, 2018)

Winooski/Burlington Bridge, US Routes 2 & 7 over Winooski River

PURPOSE & NEED STATEMENT

PURPOSE:

The purpose of the project is to improve safety while maintaining structural integrity and continuity of this vital link between Winooski and Burlington across the Winooski River. The project will address deficiencies in the bridge while improving multi-modal (bike, pedestrian, vehicular) travel for people and goods. Project recommendations will also complement the context of the natural and cultural environment, and provide an aesthetically appealing bridge structure(s) to link the two Cities.

NEEDS:

Provide designated lanes for bicyclists:

- The lack of bicycle lanes on the bridge leads to bicyclist riding on the sidewalk creating an unsafe condition for both the bicyclists and the pedestrians.

Provide two lanes of traffic in both direction:

- The high traffic demand on the crossing requires two lanes of traffic in both directions to minimize delay and queuing of traffic across the bridge and through the Winooski and Burlington intersections at either end.

Improve safety for pedestrians:

- The lack of shoulders produces an unsafe feeling for pedestrians given the close proximity to the vehicular way.
- The bridge rail is below standard height for a pedestrian rail.

Address the conditional deficiencies of this aging bridge structure:

- The bridge, originally constructed in 1928, is in the latter stage of its service life.
- The bridge deck, rated in satisfactory condition, has isolated areas of concrete spalling and delamination that need patching, repair, or partial replacement.
- Significant portions of the concrete bridge railing are in poor condition and require immediate repair and replacement. In addition, the historic rail was not designed to current structural design code standards.
- The structural steel superstructure, rated in satisfactory condition, has isolated areas requiring repair, cleaning and painting.
- The concrete sidewalks and curbs require cleaning, patching and repair to address spalls and cracks to its top and vertical surfaces.
- The concrete substructure piers and abutments, rated in good condition, have minimal need of patching and repair.