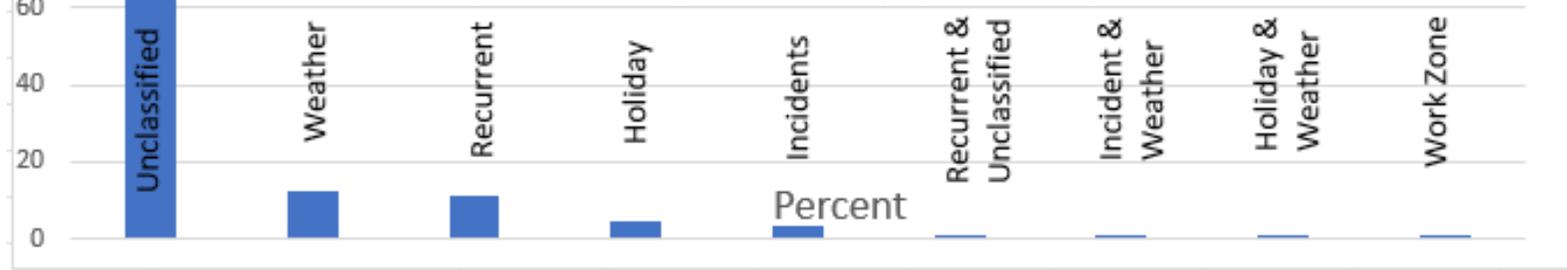




[Click Here For an animated playback of corridor congestion over time](#)

### Roadway Operating Observation's

The North End Bridge (Route 20) is one of three non-interstate crossings of the Connecticut River in the Springfield area. The North End Bridge provides direct access to both I-291 eastbound to I-90 and I-91 north and south bound. Just west of the bridge is the North End rotary which provides access to Route 5. East of the bridge is the signalized intersection with Avocado and Plainfield Street. Signal phasing provides a dedicated left turn phase as well as a dedicated thru phase, right turns are allowed on red. Crosswalks and pedestrian phasing is available upon request. PVTA has a bus stop located mid-block between this intersection and the bridge. Pedestrians were observed crossing mid-block, instead of at the intersection. The Connecticut Riverwalk crosses Route 20 at the east end of the bridge. This crossing is controlled by a pedestrian signal.



### Delay Breakdown - 2021

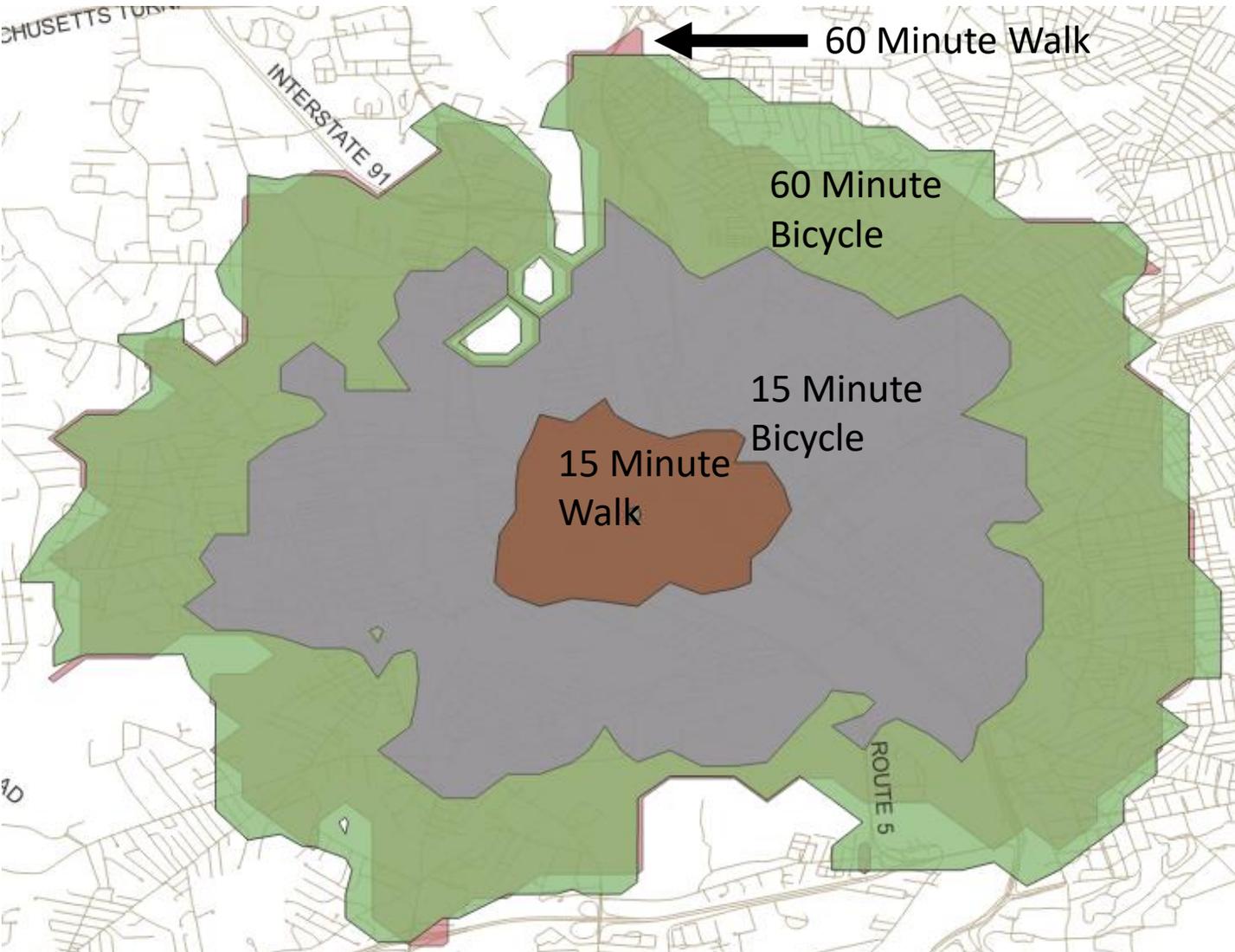
|                                  |                       |
|----------------------------------|-----------------------|
| <b>Delay:</b>                    | 40,664 hours per year |
| <b>Cost of Delay Commercial:</b> | \$408.63K             |
| <b>Cost of Delay Passenger:</b>  | \$819.41K             |
| <b>Total Cost of Delay:</b>      | \$1.23 million        |

### Profile

- AADT – 32,787** (2022) West Street (Route 20) W/O Plainfield Street
- Sidewalks** - Located on all approaches to intersection
- Bike Lanes** - Not marked
- Cross Walks** – All approaches to intersection (Pedestrian Phase)



### Bicycle and Pedestrian Observation's



### Safety Compass



This location is in close proximity to the #2 ranked location in the most recent Top 100 Crash Locations in the Pioneer Valley. The green dots indicate non motorized crashes and the red indicates a fatal crash.

### Pedestrian and Bicycle

Sidewalks are located on both sides of Route 20, pedestrian signals are available at the River walk crossing as well as at the intersection with Avocado / Plainfield Street intersection. No bicycle amenities were observed along this stretch of roadway. According to the [PVPC Safety Compass](#), this intersection is near the 2nd ranked crash location in Springfield and includes a significant number non-motorized crashes. TIP project to be funded in FFY 2027, re-evaluate once construction is completed.

### TIP Project Information

|  |                       |
|--|-----------------------|
| <b>Project #:</b> 613494   | <b>FFY Year:</b> 2027 |
| <b>Cost:</b> \$104,773,627   | <b>TEC Score:</b> NA  |
| <b>Description:</b> SPRINGFIELD- WEST SPRINGFIELD- BRIDGE REPLACEMENT, S-24-003=W-21-002, (US-20) PARK AVENUE OVER CONNECTICUT RIVER |                       |

Data provided by [RITIS](#)