

## C. Bridge Improvements

### 1. Bridge Deck Replacement

Bridge timbers are installed on bridges with open decks. These timbers are larger than normal crossies and are placed directly on the steel bridge stringers to carry the track across the structure. As a result, whenever bridge timbers need to be replaced, it is necessary to replace all of the timbers (otherwise only the timbers replaced would be carrying the load). Spacer blocks and hook bolts are installed in order to keep the timbers from moving or sliding on the bridge structure.



| SEGMENT                         | FROM MP | TO MP | NUMBER OF BRIDGES | ESTIMATED COST   |
|---------------------------------|---------|-------|-------------------|------------------|
| <b>BURLINGTON to CHARLOTTE</b>  | 122     | 110   | 0                 | \$ 0             |
| <b>CHARLOTTE to VERGENNES</b>   | 110     | 100   | 1                 | \$ 41,000        |
| <b>VERGENNES to MIDDLEBURY</b>  | 100     | 87    | 0                 | \$ 0             |
| <b>MIDDLEBURY to RUTLAND</b>    | 87      | 55    | 4                 | \$ 180,000       |
| <b>RUTLAND to N. BENNINGTON</b> | 55      | 0     | 8                 | \$ 177,000       |
| <b>N. BENNINGTON to HOOSICK</b> | 170     | 165   | 2                 | \$ 100,000       |
| <b>TOTALS</b>                   |         |       | <b>15</b>         | <b>\$498,000</b> |