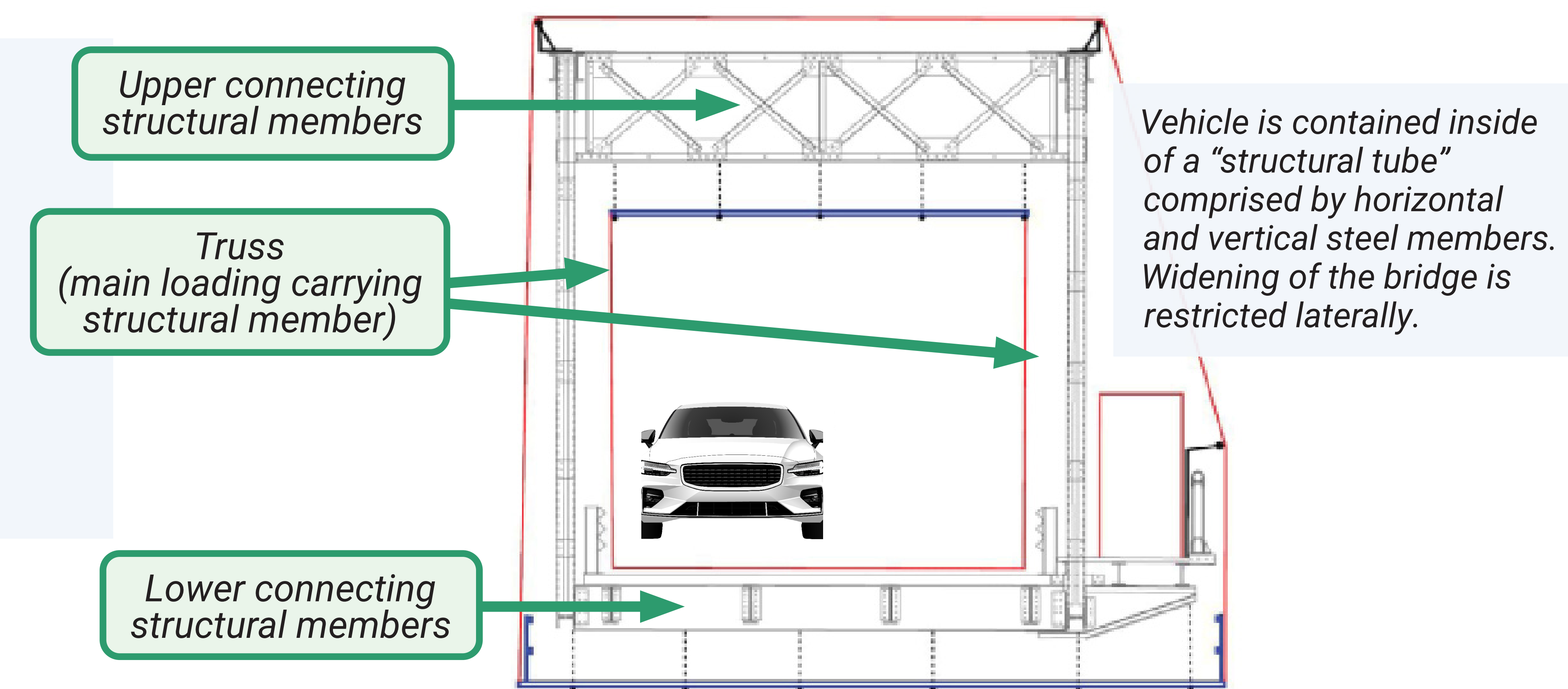


# WHY ISN'T A MAJOR BRIDGE WIDENING FEASIBLE?

## Existing Bridge

- » The existing bridge is a through-truss type, commonly used for long spans in the 1930s
- » Vehicles drive “through” or “in-between” the main trusses
- » Upper and lower steel members tie the main trusses together to form a “structural tube”



## “If Widened” Bridge

- » Widening requires a series of meticulous steps, each with its own set of challenges and requirements:
  - Bridge would have to be completely shut down for one year
  - Upper and lower steel members and the open steel grid deck must be removed
  - One (or both) main trusses must be repositioned wider and strengthened to accommodate increased loading
  - To reconnect the repositioned main trusses, new longer upper and lower steel members must be installed
  - A new steel grid deck installed
- » The overall effort would be very costly and time-consuming  
It would be easier to replace with a new bridge

