

Delaware River Joint Toll Bridge Commission

PROJECT WHY ISN'T A **MAJOR BRIDGE WIDENING FEASIBLE?**

Existing Bridge

>>>	The existing bridge is a th spans in the 1930s
>>	Vehicles drive "through" o
>>>	Upper and lower steel me to form a "structural tube

"If Widened" Bridge

>>

Widening requires a series of meticulous steps, each with its own set of challenges and requirements:

- to accommodate increased loading
- 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

>>

nrough-truss type, commonly used for long

or "in-between" the main trusses

embers tie the main trusses together

• 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 reconnect the repositioned main trusses, new longer upper







Vehicle is contained inside of a "structural tube" comprised by horizontal and vertical steel members. Widening of the bridge is restricted laterally.