

Building a Cantilever Truss bridge...



Pier: The piers are at each end of the bridge span.

Truss: Steel components that rest below the bridge deck. Each end of the truss rest on a pier. The bridge roadway rests on the truss system.

Bearing: Each end of the truss system rests on a bearing which rests on the top of the pier.

Expansion Joint: This allows for bridge movement during drastic temperature changes.

Floor Beam: At each panel point is a floor beam which adds extra support for heavier loads such as large trucks.



New York State Bridge Authority

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Newburgh- Beacon Bridge



Did you know?

The Newburgh Beacon Bridge is two separate spans, which were opened at different times.



Some cool stuff that crossed the bridge...



How much traffic uses the bridge?

In 1963: 284,359

Today: 24,759,410



How big is the bridge?

North Span: 7,855 feet

South Span: 7,789 feet

Why do we have to pay tolls?

Tolls are collected on the bridge to help pay for repairs to the bridge and special projects like painting the bridge to keep it clean and bright.



When did it open?

North Span: November 2nd 1963

South Span: November 1st 1980

