Across
4. A structural frame in a bridge or A-line roof.
6. Shape often used in bridge design to help distribute forces in different directions.
8. Bridges must be able to support loads and the ________ of the bridge itself.
9. Type of bridge that uses steel cables as part of its structure.

Down
1. Bridges are a vital part of our transportation _____________.
2. In addition to supporting load requirements, you must also consider this in your bridge design.
3. When forces acting on a bridge member are pushing in toward one another.
4. When forces acting on a bridge member are pulling away from each other.
5. Type of bridge that utilizes rounded curves in its design.
7. The force the bridge must support that includes the weight of people or vehicles that use the bridge.