

# PEACE BRIDGE PROJECT SIGNATURE CONCEPTS



## Two Tower Signature Bridge Concept I

Two pairs of dramatic vertical towers with two planes of fanning cable-stays support the bridge deck with long spans. Starting from the western side, spans are approximately 575 feet (175 m), 1,300 feet (396 m) and 575 feet (175 m). The towers rise approximately 345 feet (105 m) above the water line.



## Three Tower Signature Bridge Concept I

Three pairs of dramatic vertical towers with two planes of fanning cable-stays support the bridge deck with long spans. Starting from the western side, spans are approximately 375 feet (114 m), 800 feet (244 m), 880 feet (268 m) and 450 feet (137 m). The towers rise approximately 300 feet (91 m) above the water line.



## Three Span Arch Signature Bridge Concept

Three elegant arches which use cable-stays to support the deck are similar in height and length. The western arch is approximately 750 feet (229 m) in length, the central arch 840 feet (256 m) and the eastern arch 1,050 feet (320 m). The arches rise approximately 226 feet (69 m) above the water line. The roadway is supported by vertical cable-stays that connect the top of the arch to the outside edge of the roadway deck.



## Two Tower Signature Bridge Concept II

Two dramatic diamond shaped towers carry fanning cable-stays that pass through a single vertical plane in spindles atop each center tower before reaching out to anchor along the outside of the bridge deck. Starting from the western side, spans are approximately 575 feet (175 m), 1,300 feet (396 m) and 575 feet (175 m). The towers rise approximately 345 feet (105 m) above the water line.



## Three Tower Signature Bridge Concept II

Three dramatic diamond shaped towers carry fanning cable-stays that pass through a single vertical plane in spindles atop each center tower before reaching out to anchor along the outside of the bridge deck. Starting from the western side, spans are approximately 375 feet (114 m), 800 feet (244 m), 880 feet (268 m) and 450 feet (137 m). The towers rise approximately 300 feet (91 m) above the water line.