

Site Aerial "A Bridge for Indianapolis"



Downtown
Indianapolis

Medical / Research
Corridor

16 Tech
Bridge Site

Indiana Avenue

10th Street

Fall Creek

White River

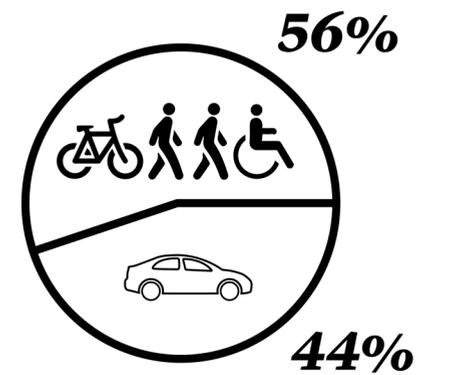
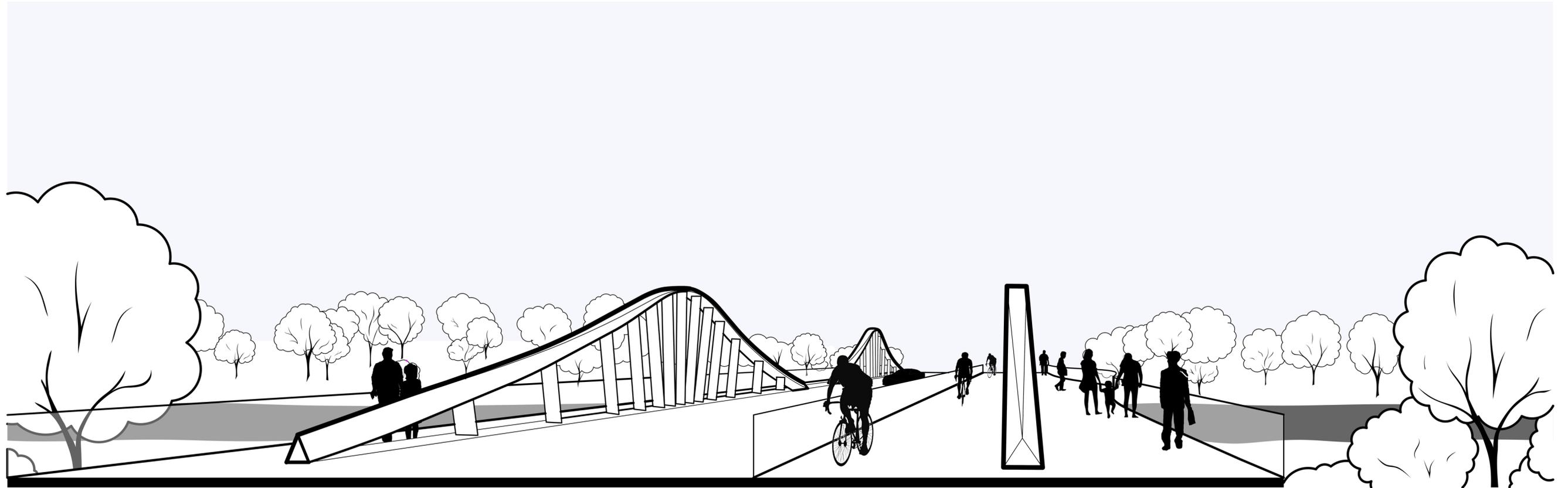
W 16th Street



16 TECH INNOVATION DISTRICT

© PAU

Accessible public space

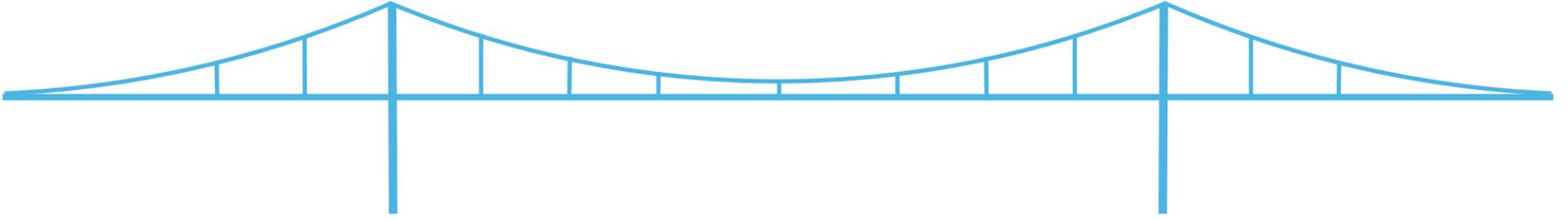


Arriving at the 16 Tech Bridge

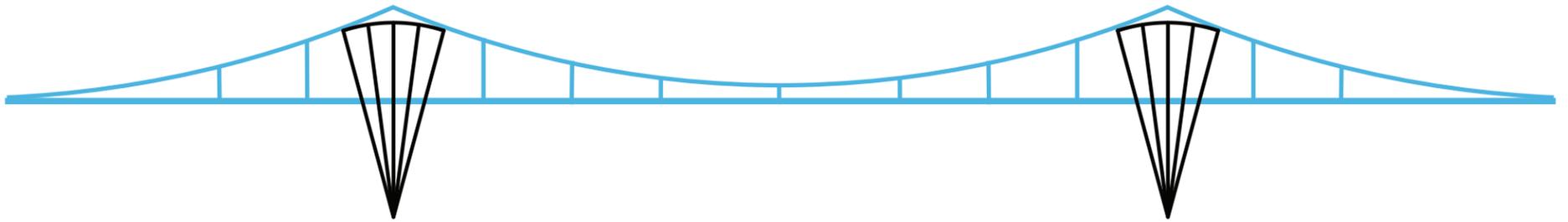


What Makes the 16 Tech Bridge Structure Unique?

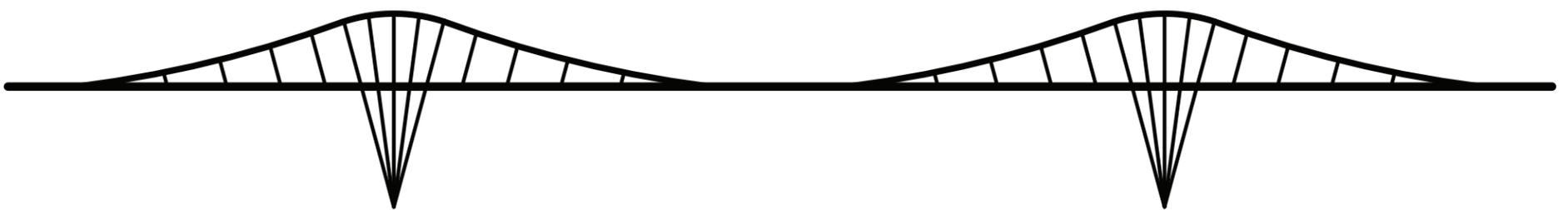
The 16 Tech bridge's innovative design reinterprets the principles of a classic suspension bridge.



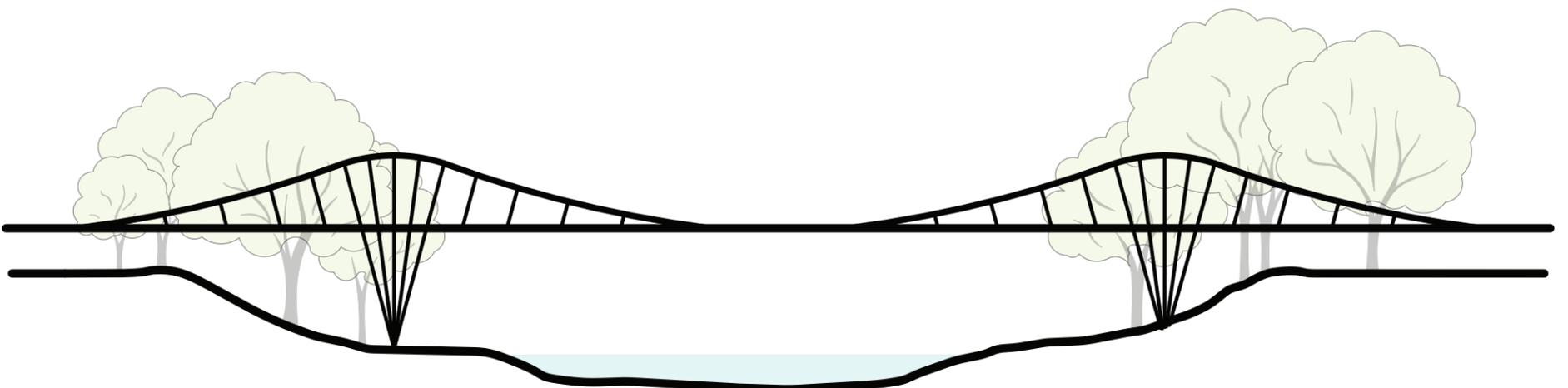
By replacing the vertical masts with a fan-type arrangement of smaller masts and the suspension cables with steel plates...



the bridge's tension element is allowed to follow the new mast arrangement, creating its signature wave form.



The resulting structure is a new and ingenious approach to suspension bridge design and the first of its kind in the United States.



During the design process, the bridge's structure was optimized for efficiency and to gracefully mirror the profile of the site.