

Tilley Bridge

Fort Worth, TX

Type: **Steel arch/stress ribbon**
Services: **Conceptual, preliminary, and final design**
Community participation
Aesthetic lighting design
Physical models
Cost: **\$2.5 million**
Client: **City of Fort Worth**
City Hall, Lower Level
1000 Throckmorton Street
Fort Worth, TX 76102

The Phyllis J. Tilley Memorial Bridge crosses over the Trinity River connecting Trinity Park to a new trail that terminates in downtown Fort Worth. The bridge has a graceful profile that enhances the serene and beautiful landscape. A steel arch supports steel stress-ribbon segments and precast concrete planks over the river complementing the adjacent historic Lancaster Avenue vehicular bridge. The steel stress ribbon/arch combination was the first of its kind in North America. Pedestrians and bicyclists crossing the bridge experience a smooth, undulating ADA-compliant bridge surface. At night, the bridge is illuminated with a combination of white and blue LED lighting for increased safety and aesthetic appeal. This elegant, cost-effective bridge has become a visual asset along the Trinity River and a new symbol of the city of Fort Worth.

