

Five Rivers Pedestrian Bridge

Montgomery County, Ohio

CLIENT/OWNER
Five Rivers MetroParks
409 E. Monument Avenue
Third Floor
Dayton, OH 45402
Eric Sauer
(937) 274-3107

COMPLETION DATE
March 2020 (Design)
May 2021 (Construction – Est.)

PROJECT COST
\$120,000 (Design)
\$2.3 Million (Construction)

E.L. ROBINSON'S ROLE
Prime Consultant
Structural Design
Geotechnical Design

PROJECT MANAGER
Mike Malloy, PE

KEY STAFF
Tim Sheldon, PE
Dave Traini, PE
Amy Fahd, PE
Lauren Hedges, EI



E.L. Robinson Engineering (ELR) was contracted by Five Rivers Metro Parks and the Montgomery County Transportation Improvement District to provide professional engineering services for the design development and construction plans for a new pedestrian structure in Downtown Dayton. Deed's Point Pedestrian Bridge is a three-span (106'-222'-106') steel bowstring-style pony truss that connects Deed's Point Metro Park with RiverScape Metro Park in downtown Dayton. Since its original construction in 2002, the structure experienced severe corrosion due to overspray originating from the adjacent Five Rivers Fountain of Lights, a group of five fountains that project streams of water 200 feet high across the confluence of the Miami River and Mad River. The existing bridge is closed due to the severity of the steel truss's corrosion. ELR prepared the Feasibility Study/Structure Type Study (STS).