



BRIDGES



The D.S. Brown team supplied a wide variety of products to this project including finger joints, bearings, cover plates, drainage trough and compression seals.

Roberto Clemente Bridge

A variety of D.S. Brown products were used in the renovation of the Roberto Clemente Bridge in downtown Pittsburgh including Finger Joints, Steelflex® Strip Seal Expansion Joint Systems, Versiflex™ Elastomeric Bearings and V-1625 Delastic® Compression Seal.

The Roberto Clemente Bridge along with sister bridges (Andy Warhol Bridge and Rachel Carson Bridge) are nearly identical self-anchored, eye-bar suspension bridges. The suspension system consists of 14" eye-bars extending from end to end, having two pins on the top of each tower and carrying the roadway by 4" eye-bar suspenders at the panel points.

PRODUCTS USED

Expansion Joint and Bearing Systems

Finger Joints, Steelflex® Strip Seal Expansion Joint Systems, Versiflex™ Elastomeric Bearings and V-1625 Delastic® Compression Seal.



Versiflex
Elastomeric
Bearing
Assemblies



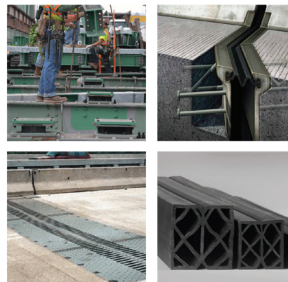
Steelflex
Strip Seal
Expansion
Joint System



Finger
Expansion
Joint System



Delastic
Preformed
Compression
Seals



INSTALLATION

2022 – 2023

Downtown Pittsburgh
Pennsylvania

OWNER

- Allegheny County

CONSTRUCTION TEAM

- Mosites Construction & Development Company and Baseline (DBE)

STATS

- \$35.6M Project
- Originally built in 1928
- 884 feet in length
- Bridge closed to vehicular traffic on Pirates' and Steelers' game days, providing a pedestrian route to PNC Park and Heinz Field.



Bridge the World with Leading Infrastructure Solutions