



# East Wick and Sweetwater Bridges

## Stratford, London

**Location**  
Stratford, London

**Client**  
LLDC

**Main Contractor**  
Balfour Beatty / PfP

**Engineer**  
Buro Happold

**Tonnage**  
393

**Completion Date**  
September 2019

**The East Wick and Sweetwater Project created two brand new communities on the site of the Queen Elizabeth Olympic Park in Stratford, London.**

Severfield's scope of work included the fabrication and erection of steelwork for two bridges required as part of this new development, providing access across the River Lea.

The first of these bridges to be delivered to site was Stour Road Bridge (H16), a new pedestrian and cycle bridge which consisted of a 37-metre-long weathering steel plate girder, with a total weight of 97 tonnes. Severfield used water jetting to produce the perforated web that give the appearance of bubbles.

H16 was delivered and assembled on site through November 2018 and installed using a 1,000-tonne mobile crane during a weekend closure of the canal.

The second of the bridges to be delivered on this project was the Monier Road Bridge (H14), an upgrade to an existing pedestrian bridge, which can now be used for cyclists, buses, and vehicles. The 42-metre-long weathering steel bridge has main girders up to 3 metres deep and has a total weight of 296 tonnes.

The steelwork for H14 was fully assembled on-site ahead of the planned installation in January 2020. The installation required the UK's largest crane, the Gottwald AK 680.