

RAILWAY OVERPASS ROW OF ARCHES, COLOGNE



**Railway Overpass Row of Arches
Innere Kanalstraße in Cologne,
Germany**

Project period
2013 - 2018

Services provided
Execution planning, structural
design and technical processing

Technical details
12-span arch bridge,
bridge length approx. 185 m.
Construction of ten reinforced
concrete arch forms with shallow
foundations which are separated
from each other by expansion joints
and two edge fields as a support
structure for the complete load
reduction of the existing structure.
3D scan measurement of existing
structure.
3D planning of new arches.
Derivation of formwork planning
from 3D model.

