



Dubai Metro Rail Project - Route 2020

Dubai, UAE / 2015-2016

Characteristics

10km elevated section / 4,5km tunnel inc shafts and cut& cover tunnel / 1 interchange station - elevated at NHT / 3 standard elevated stations / 2 underground stations / 1 Iconic station at Expo

Owner
Client
Constructor
Scope
Architect

RTA, Dubai Roads - Transport Authority
KEO International Consultant
Expolink 2020 (Alstom / Acciona / Gülermak)
tender design
CH2M + Atkins + WSP



Independent design verification (IDV) of viaducts and value engineering (VE) of the roof structures of elevated stations of Dubai Metro Route 2020

IDV services of viaducts including ISO span up to 36 m length (with launching gantry) and continuous cantilever bridges up to 72 m length made of precast dowels.

VE works of the roof steel structures of elevated stations, including the iconic Expo Station

The 'Route 2020' Project is a design and build contract for the 15 km extension of the Dubai metro Red Line, 11.8 km of viaduct and 3.2 km of tunnel, including 7 new stations: 5 over-ground (1 interchange, 3 elevated and the iconic EXPO station) and 2 underground. The contract amounted to AED 10.6b (USD 2.9 billion).



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