



KEY PROJECTS

HANOI PILOT RAIL LINE 3 – FROM NHON TO HANOI CENTRAL STATION

Date won/completed: 2023 – ongoing

Client: METROPOLITAN
RAILWAY MANAGEMENT
BUREAU (MRB) – Hanoi,
Vietnam

Developer: HANOI
PEOPLE'S COMMITTEE

Role: Interim Project
Implementation Consultant
(PIC)

PROJECT BACKGROUND

The Hanoi Line 3 – Phase 1 consists of 12 stations in total, with 8.5km elevated and 4km underground stretching from the city's western suburb (Nhon) to the city center (Hanoi Railway Station). The project has commenced since 2010. The elevated section is scheduled to commence testing & commissioning in 2023, and the remaining underground section is scheduled to complete in 2027.

The project is located in the Red River Delta geology condition, which was formed predominantly soft to stiff clay and fluvial sand. The tunnel alignment is also situated in densely populated area of Hanoi, posing major challenges in term of site acquisition, traffic & utility diversions and constructability.

Strader Consult was appointed by the MRB as the Interim Project Implementation Consultant (PIC), providing multi disciplinary services including structural & geotechnical engineering, tunnel engineering, MEP, System Integration, Planning and Cost Control.

THE OUTCOMES FOR THE CLIENT

Leveraging on our understanding of the local challenges in both technical and regulatory & legal frameworks, our multi-discipline team coordinated with various contractors among 8 contract packages to solve technical and contractual issues.

Provide technical / contractual advisory of the project and assist the client to catch up with construction programme.