



Client Hochtief UK for Rail for London

Project Description The project involved the provision of step free access / access for all at three stations to the east of Stratford. Lifts were retrofitted into an existing station at Maryland and new steel footbridges complete with lifts installed at Manor Park and Seven Kings Stations. Cass Hayward was a member of Hochtief UK's (HUK) Multi-disciplinary design team comprising architects, designers for MEP and OLE, a steelwork fabricator, and HUK's own site team. Design was undertaken within a BIM environment with all design parties required to produce 3d discipline models and drawings that were combined into a single federated model. Cass Hayward were responsible for civils design aspects, e.g. foundations, primary steelwork, and drainage.

Cass Hayward Role(s)

- Coordination with other design partners
- Foundation design
- Primary structural steelwork (outline / detailed design)
- Drainage
- Builder's works

Project Statistics

- £25M project
- Nine lifts
- Eleven bridge spans / ramps
- Four staircases
- Design coordination achieved through use of Projectwise

Special Features

- Footbridges are fully encapsulated
- Photo Courtesy of James Miller - anonw.com