

## RAIL OPTIMISATION PROJECT – PORT BOTANY NSW



### SUMMARY

DP World Sydney operates a shipping container terminal in Port Botany, NSW. Containerised goods to be imported and exported are transferred to and from the terminal via both road and rail. The existing 3-line rail siding into the site was underutilised due to insufficient forklift manoeuvring space preventing containers being loaded and unloaded from the east side of the rail siding.

DP World negotiated an extension of their lease area to incorporate a 20m wide private road reserve running alongside the east boundary of the site, directly adjacent to the rail siding. The additional area was to be utilised to increase forklift accessibility to the east side of the rail siding and provide essential container stacking area associated with rail operations.

### OBJECTIVES

James Rose Consulting were engaged to complete the planning approval, engineering design, project management and Superintendent services for construction of 10,000 square metres of heavy-duty pavement and associated services. The overall project aim was to increase the percentage of shipping containers exported and imported to the site by rail, in line with the ongoing NSW State Government initiative to reduce truck movements and road congestion. A key objective was to complete the project over the "quiet" operational season to ensure that the new rail access and stacking area was accessible for the "busy" operational season.

### OUTCOMES

James Rose Consulting managed the project from commencement to completion including obtaining all necessary approvals; completing the full detailed engineering design; preparing tender and Contract documents, calling for tenders, tender assessment, negotiation and Contract award; Superintendent services for the construction works including site supervision and reporting, progress claim assessment, variation claim analysis and issuing of Practical Completion Certificate. The project involved complex service connections and interfacing with site operations, which James Rose Consulting successfully managed ensuring that the 24 / 7 terminal operations were not impacted. The project was completed to program allowing DP World to utilise the optimised rail area coming into the busy operational season.

