

NAMPORT is in the process of changing the port entrance. The existing port entrance / exit will be converted to an exit only gate. A new port entrance is designed to the south which will include:

- i) a new truck staging area;
- ii) closing of an existing road-rail level crossing road;
- iii) a new road-rail level crossings;
- iv) a new light vehicle parking area; and
- v) a new multi-lane port entrance gate / canopy area.

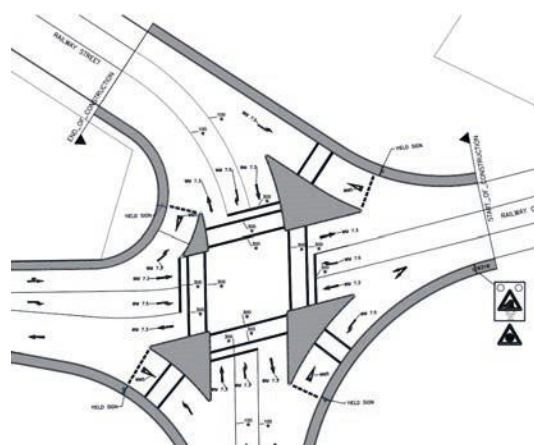
The Consultant's scope included the design of a micro traffic model estimating the vehicle diversions due to the road-rail closure and recommended a synchronised road-rail crossing design to ensure safe passing of vehicles over the railway line. Other civil engineering aspects included optimising the truck staging approach and layout, port entrance and light vehicle layout design and road layerworks optimisation (MESA calculations with the use of Rubicon software).

NAMPORT

New Entrance Civil & Level Road-Rail Crossing Designs

PROJECT STATS

Value	NAD 45 million
Location	Walvis Bay, Namibia
Client	Namibia Ports Authority (NAMPORT)
Start	11/2017
Finish	Ongoing



SERVICES

- Project Management
- Preliminary & detail design
- Cost Estimates

Project Management

Civil