



**Strukton**  
Rail

## Renewal of yard tracks at Amsterdam Central Station



Client	ProRail Project Centrum
Country	The Netherlands
Location	Amsterdam
Delivery date	01   09   2004
Size	Over 1 million EUR

### Engineering

The engineering activities involved traction and energy, RVOI phase 6,8

- Detailed engineering
- Completion

### Catenary system

The delivery, construction and installation of the foundation, catenary supports, framework, point and contact wires for the traction energy. Efficiency measurements enabled Strukton Rail to finish this subproject three months earlier than planned. The catenary activities covered more than 22% of the total project.

### Track building

### Track renewal

Type UIC 54 on concrete sleepers, ballast included

3.500 metres of track

Type UIC 54 on hard wooden sleepers, ballast included



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500 metres of track

Renewal of double cross-overs

Type UIC 54 on concrete sleepers, ballast included

8 sleepers

Renewal of single turnouts

Type 1:9 UIC 54 on concrete sleepers, ballast included

23 sleepers

Renewal of diamond crossings with slips

Type 1:9 UIC 54 on concrete sleepers, ballast included

14 sleepers

Type 1:9 UIC 54 on hard wooden sleepers, ballast included

2 sleepers

Renewal of symmetrically split turnouts

Type 1:4,5 UIC 54 on hard wooden sleepers, ballast included

1 sleeper

Other information

The project, including track and catenary, engineering and cable work took Strukton Rail four years. The work was done by day, at night and in the weekends.

The main activities were done during long periods in which the track was taken out of service for 4 to 120 hours.

#### Coordination

As the main contractor, Strukton Rail had the total coordination over all other contractors in this area. The activities entailed the disciplines of railway engineering, signalling, power supply, Rail transport engineering, civil engineering and construction engineering.