

Presseinformation

Press release

Information de presse

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Successful projects for European mainline and urban-transit:

RAIL.ONE: ballastless track for new lines constructed in Spain, and for a tram project in The Hague

Neumarkt, Germany, 19 September 2006 – **RAIL.ONE GmbH**, internationally successful manufacturer of concrete sleepers, as well as comprehensively oriented system and engineering provider for railway track systems, has succeeded over the past months in expanding its market presence in Europe by winning new contracts in Spain and The Netherlands.

New mobile production plant for bi-block sleepers near Madrid

Since as early as 1994, RAIL.ONE – with its partner company, the Spanish construction company COMSA – has operated a plant in Spain for production of prestressed-concrete sleepers in Constanti, near Barcelona. RAIL.ONE, with headquarters in Neumarkt, Germany, won a contract a few months ago for delivery of approx. 100,000 bi-block sleepers from its patented RHEDA 2000® ballastless track system. The components will be installed by November of 2006 for new construction of 28 km of double-track line in the Guadarrama Tunnel, on the mainline connection between Madrid and Valladolid. Especially dedicated for production of these bi-block sleepers, a mobile production plant has been built by RAIL.ONE in Segovia, near Madrid.

RAIL.ONE has already successfully completed delivery of more than 7,000 polyvalent bi-block and transition sleepers, including fastening units and spindles, for a 2-km double-track tunnel on the line between La Coruña and Santiago, as part of the Eje Atlantico project. For a fur-

ther section of this line with a length of 3.5 km, RAIL.ONE has already received an order for delivery of 12,000 sleepers. Eje Atlantico designates a complex of ballastless-track projects on the Iberian peninsula, with an estimated total length of 15 to 20 km. The projects are planned for implementation during 2006 and 2007.

RAIL.ONE furthermore has its eye on further projects in Spain – especially for mainline rail facilities, which the Spanish government plans to upgrade by investments of over 120 billion euros during the next 15 years. RAIL.ONE plans, however, are not limited to mainline projects: the company intends to enter new markets on the international scene for urban mass rapid transit as well.

RHEDA CITY for The Hague – urban rapid transit project with ballastless tracks

From August to October 2006, work will begin on new construction of the “Aaltje Noorderwierstraat” tram line in The Hague, with ballastless-track technology à la RAIL.ONE. The system models RHEDA CITY and RHEDA CITY GREEN will be installed over no less than 2.6 km of tram line, in the “City of Peace and Justice,” on the basis of the monolithic ballastless track technology: tailor-made for the needs and requirements of mass rapid transit.

With the RHEDA CITY system, non-prestressed-reinforcement bi-block concrete sleepers are concreted into a compact, monolithic in-situ concrete slab, onto which the grooved tramway rails are mounted. The top layer can be executed with asphalt, concrete, or paving blocks. For RHEDA CITY GREEN, the appealing “green track,” cover is provided by turf or sedum. In this configuration, the vegetated track zones attenuate the noise level, and can store up to 80% of incident precipitation.

For this track project in The Hague, RAIL.ONE will be responsible for system supervision, quality assurance, surveying services, as well as

delivery of approx. 2,800 bi-block sleepers. This order, in addition to underground railway lines executed in Madrid and Singapore, represents a further international mass rapid transit project in which ballastless track technology from RAIL.ONE will be applied. For these projects, RAIL.ONE can effectively draw on its highly diversified and successful experience gained with RHEDA CITY and RHEDA CITY GREEN in projects completed in Berlin, Dresden, Hanover, Cologne, and Karlsruhe. More than 60 km of these system variations are already in operation for municipal mass rapid transit networks.

For further details:

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