


Case Study Title:	Horsham – EV Charging Point	Month / Year:	February 2017
Business Unit:	Carillion Rail (Thameslink)	In Partnership With:	
Key Contact:	Stuart Penniket – Project Manager – (stuart.penniket@carillionplc.com)		

Carillion Positive Outcome Area(s):

Leading the Way and Reducing Carbon

Thameslink Sustainability Strategy Objective(s):

Minimising carbon (15), reducing use of fossil fuels (17) and enhancing land condition (19)

Background and Issue

The Carillion team has worked closely with Network Rail to deliver a new train stabling capacity at Horsham Field Sidings. Now operational, the sidings provide additional capacity for the Train Operating Company to stable up to 6 trains and will help improve the connections for passengers travelling to/from London.

As part of the project, the team has installed a variety of new assets including Controlled Emission Toilets (CET), pump houses, modular buildings and recycling areas. To provide a real sustainable legacy for the client and help the Government meet its ambition for all cars and vans to be effectively zero emission by 2050 the Carillion Project Manager decided to install a complimentary electric vehicle car charging point.

The model shown in photo 2 (Rolec Autocharge) was chosen as a heavy duty solution positioned within a secure car parking area. It has been installed as a free-to-charge pedestal and can be upgraded at a later date to accommodate the use of tokens or RFID (Radio Frequency Identification) to control access. In advance of handing back the project the Carillion staff were able to use the facility to charge their fleet cars.



Photo 1 – Some members of the Horsham team



Photo 2 – Rolec EV charging point



Photo 3 – Thumbs up from Rob Fuller charging his BMW 225 (fleet car)

Summary and Achievements

The installation of the charging point was easily integrated within the construction programme and was assisted by our M&E contractor. Following a site inspection by Network Rail, the team were commended by Nick Gray (Senior Programme Sponsor) who commented that although it was not part of the project's requirements 'it does lead the way and is to be welcomed.'