

Project A650 junction Oggersheim – variable traffic routing system in the course of civil works for extension of motorway A650, driving direction Bad Dürkheim, between junction Ludwigshafen and junction Oggersheim (km 0+030 bis km 3+890)

In the course of civil works the road surface and the existing safety guards were renewed and extended on motorway A650 around junction Oggersheim. A time of day dependant traffic routing was realized to minimize the interference with the ongoing traffic. The variable traffic routing was regulated via portals with permanent light emitted signals. Ahead of the construction site, lane guidance signs in LED technology informed about the current traffic routing. In addition, speed and a lorry no passing symbol were displayed as variable message signs in LED technology.

Green Way Systems installed several traffic jam warning systems ahead of the construction site as well as dynamic information signs in LED matrix technology, temporary sign gantries with lane control signs and webcam locations for monitoring of the system.

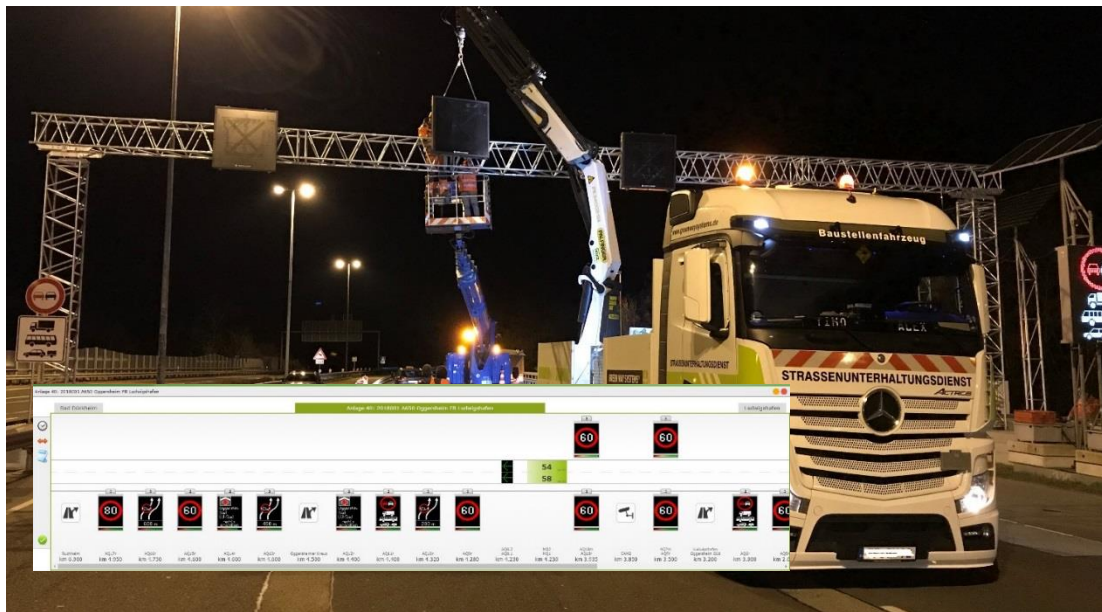
The mobile sign gantries of Green Way Systems are displaceable and statically approved. The installation happened by means of hot-dip galvanized traverses.

The entire control of the combined system was carried out by the sub-master-station of Green Way Systems.

All electrical components were designed with solar panels and battery buffering for a sustainable, continuous operation.

Project data

Project:	A650 Oggersheimer junction – variable message guidance system
Customer:	Landesbetrieb Mobilität Rheinland-Pfalz in Montabaur
Execution time:	March 2018 – November 2018
Scope of work:	Delivery, installation and operation of: 4 solar-powered, variable message signs in LED-RGB-matrix technology used as information sign, incl. roadside outstation, mounting device and prefabricated part baseplate 19 solar-powered, variable message signs in LED-RGB-matrix technology used as lane direction and lorry-no-passing sign 16 solar-powered, variable message signs in LED-bundle technology used as speed signs 5 solar-powered, variable message signs in LED-bundle technology used as lane control signs 2 cross sections for traffic data acquisition and webcams 2 mobile sign gantries for installation of the lane control signs



Picture 1: installation of a mobile sign gantry and system overview displayed in GWS sub-master-station (source: Green Way Systems)



Picture 2: mobile sign gantry with LED lane control signs (source: Green Way Systems)

Contact

Green Way Systems GmbH
Im Rollfeld 40
D-76532 Baden-Baden
Phone: +49 (7221) 189 56 – 80
Fax: +49 (7221) 189 56 – 99
Mail: info@greenwaysystems.de
Web: www.greenwaysystems.de