

WEB SITE OF THE ARGENTINEAN BRIDGE MANAGEMENT SYSTEM

E. CASTELLI

Dirección Nacional de Vialidad (National Highway Directorate), Argentina

sigmapuentes@gmail.com

ABSTRACT

This paper presents the design and functionality of a Web Site conceived primarily to provide services for the community of users of the Bridge Management System (BMS) of the National Highway Directorate (DNV) of Argentina.

The development envisaged the institutional needs to provide the general public information about the management of bridges, the "SIGMA-P" software and the new structure organized by DNV for this system, which is accomplished in different pages of a free access area, where the surfer can find texts, images, videos and graphics that meet this objective in a modern and effective way.

Moreover, the registered user also accesses to a communication platform and reservoir of knowledge and data about major works of art of the Argentinean national highway network and the matter of bridges in general, through several utilities of high strategic value.

The design, development and maintenance is done with the staff of the DNV, leading from the Office of Bridges SIGMA Pilot established in the 3rd. District (Tucumán).

The results and benefits obtained through the use of this new tool are shared in this paper.