The completed M-Lock® bridge uses castellated kerbs, which are ideal for bridges prone to submergence. Typical traffic barriers are susceptible to flood damage and may need to be repaired or replaced following flood events.

M-LOCK® BRIDGE PROVIDES EASY CONSTRUCTION OF BRIDGE OVER TROUBLED WATERS

Nestled in the foothills of New South Wales' Snowy Mountains, Gilmore Creek – part of the picturesque Gilmore Valley – is notorious for its sudden changes in water level. Two major flooding events within the last four years meant that a new bridge crossing over the Creek was needed to link East Gilmore Road with West Gilmore Road.

Asset owner, Tumut Shire Council, chose the Rocla M-Lock® reinforced concrete bridging system for the project due to its ease of construction and the ability to extend the structure at a later stage if required.

At 45 metres long, installation of the new bridge involved use of a 200 tonne crane to lift each of the decks into place. Having constructed a number of M-Lock® bridges in the Shire in recent years, Council's contractor, Snowy Works and Services was able to complete the job very efficiently.

"A simple and efficient way of building bridges where time is of an essence," says Bimal Shah, engineer in charge of the project for Snowy Works and Services. The project was completed on time and below budget.