

12 March 2018

Sue Walker
Technical Support & Marketing Manager
CSP Pacific
P O Box 12-949
AUCKLAND 1642

Dear Sue

TraFFix Water-Cable Barrier + Mini-SLED (MASH TL2) Temporary Safety Barrier

Further to your email submission of 22 February 2018 and later correspondence, I have assessed the suitability of the TraFFix Water-Cable Barrier with Mini-SLED end treatment (MASH TL2) as a temporary road safety barrier system for deployment on the New Zealand road network. Both elements of the system (barrier and end treatment) have been tested to MASH Test Level 2.

The Transport Agency is prepared to accept the TraFFix Water-Cable Barrier + Mini-SLED (both MASH TL2) as a temporary road safety barrier system with the following parameters:

- Maximum permanent posted speed limit at location of deployment = 70km/h
- Minimum length of system (excluding end treatments) = 46.35m (25 units)
- Units must be deployed with correct amount of water per unit
- Working width = 5.47m
- Dynamic deflection = 4.46m
- The only accepted end treatment is the TraFFix MASH Mini-SLED
- Where an anti-freezing additive is required this shall only be liquid CMA at 25% by volume

Units of TraFFix Water-Cable Barrier must not be used with any other barrier system and the correct end treatment (MASH Mini-SLED) must be used. In particular, TraFFix Water-Cable TL2 Barrier units must not be physically connected to Water-Wall TL1 units in the same barrier string. Should this configuration be identified at any temporary traffic management site under CoPTTM, the site will be deemed as having non-compliant temporary traffic management in accordance with CoPTTM and a notice of non-conformance will be issued.

We understand that the NCHRP 350 tested Water-Wall TL1 + Mini-SLED system is nearing the end of its rental service life and the MASH Water-Cable TL2 + MASH Mini-SLED is proposed as a replacement rental system. Therefore, from 30 June 2019, the 350 system will be considered non-compliant and the MASH system must be deployed in its place.

Should the NZ Transport Agency discover that the qualification testing was flawed, that in-service performance reveals unacceptable safety problems, or that the system being marketed differs

significantly from that which was crash tested, it reserves the right to modify or revoke its acceptance of the Traffix Water-Cable Barrier + Mini-SLED (MASH TL2) temporary barrier system.

This letter may be used as confirmation of acceptance of the Traffix Water-Cable Barrier + Mini-SLED (MASH TL2) temporary barrier system until the product is listed in NZ Transport Agency Specification M23 Appendix C (Temporary Road Safety Barrier Systems).

Yours sincerely,

A handwritten signature in black ink that reads "Fergus Tate". The signature is written in a cursive, flowing style.

Fergus Tate

Lead Advisor Safety (Roads & Roadsides)
Technical Services Group
System Design & Delivery