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| **TEMPORARY ROAD SAFETY BARRIER DESIGN STATEMENT – TO ACCOMPANY TMP** |
| **TMP Reference #** |  | **TMD Reference #** |  |
| **Site Details** | **Location** | **Direction** | **Barrier Placement** |
|  |  |  |
| **Risk/risk mitigation** | **Description of the risk(s)** |
|  |
| **Barrier systems***Hardware must be compliant with the NZ Transport Agency Specification M23* | **Barrier Type(s)** | **Terminal(s)** |
|  |  |
| **Transitions (including overlap of different systems)** |
|  |
| **Specific relevant considerations/restrictions** |
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| **Design requirements – multiple systems will require multiple copies of this table** |
| **System 1** | **System Deflection\* (m)** | **Minimum Length (m)** | **Length of Need (LoN) (m)** | **MASH\* Test Level (TL) (1-4)** | **Minimum Curve Radius** | **Clear Zone** |
| **System name** | **Required Value** *From manufacturer’s information / M23*  |  |  |  |  |  |  |
| **Designed Value** *What has been designed* |  |  |  |  |  |  |
| **System 2** | **System Deflection\* (m)** | **Minimum Length (m)** | **Length of Need (LoN) (m)** | **MASH\* Test Level (TL) (1-4)** | **Minimum Curve Radius** | **Clear Zone** |
| **System name** | **Required Value** *From manufacturer’s information / M23*  |  |  |  |  |  |  |
| **Designed Value** *What has been designed* |  |  |  |  |  |  |
| *\*Where applicable – MASH test results must be used. If NCHRP-350 data is utilised (not yet approved under MASH) this must be stated. All devices deployed after 31st December 2020 must be MASH compliant.*  |
| **Design Variations** |  |
| **Equipment and Hardware required***List the required hardware including terminal and barrier components* | **Hardware/Eqpt** | **Type/notes** | **Qty** |
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| **Delineation (Barrier System)** |  |  |
| **Delineation (End Treatment)** |  |  |
| **Water (litres)** |  |  |
| **Installation programme** | **Sequence**  |
|  |
| **Installation/Removal** |
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| **Installation Designer Declaration** | **This design has been prepared in accordance with Waka Kotahi Specification M23 and associated technical memoranda and standard drawings.** |
| **Installation Designer** |  |  |  |  |  |
| *Name* | *Date* | *Signature* | *Safety Barrier Qualification* | *Date of Qual* |
| **Installed/ Inspected by** |  |  |  |  |  |
| *Name* | *Date* | *Signature* | *Safety Barrier Qualification* | *Date of Qual* |
| **Attachments** |  |

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| **Diagram(s)** |
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