|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Barrier ID / Location: | | *VRS Preliminary Design Report Summary*  ***VRS at Constrained Location*** | | |
| **Description**:  Details.  **Length**: | Insert Image | | Insert Image | Insert Image |
|  | | | | |
| Consultation | Outcome | | | |
| TII Network Management |  | | | |
| Identify the Hazard(s) | Summary | | | |
|  |  | | | |
|  |  | | | |
|  |  | | | |

|  |  |
| --- | --- |
| Analysis | |
| **Need for VRS (reference DN-REQ-03034 - Chapter 8 Risk Assessment):** | **Is the VRS still required post risk assessment?** |
|  |  |
| **Can mitigation measures be implemented (Yes/No)?** | **If “Yes” include proposals and projected life cycle costs** |
|  |  |
| **Can the VRS be designed in accordance with DN-REQ-03034 (Yes/No)?** | **If “No” identify the constraints** |
|  |  |
| **Design Speed:** | **Road Cross Section & Traffic Volumes:** |
|  |  |

|  |  |  |
| --- | --- | --- |
| Design Options Considered (Attach drawings as required) | Relaxations and Departures | Observations |
| **Option 1:** | | |
|  |  |  |
| **Option 2:** | | |
|  |  |  |
| **Option 3:** | | |
|  |  |  |

| Preferred Option | Reasoning | Whole Life Cycle Cost Analysis |
| --- | --- | --- |
| *Provide details of the Designers proposed solution* | *Provide reasoning as to why this option was chosen over others* | *Provide details of the life cycle cost analysis undertaken as part of the preferred solution decision* |