Checklist – CAC025M  
Installation of Concrete Slab-Linked Box Culvert (MRTS03)

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| --- | --- | --- | --- | --- | --- |
| Contractor |  | Date |  | Review No. |  |
| Contract No. |  | Project No. |  | Project Name |  |

| Reference | Requirements | Addressed | Comments/Observations |
| --- | --- | --- | --- |
| MRTS03 Cl 6.1 | Do construction requirements meet those of Cl 6.1:   1. concrete strengths 2. construction joints 3. weepholes with a 300 x 300 x 150 no-fines block 4. 100 um polythene separator sheet to foundation 5. less than 30% rock plums in unreinforced work, and 6. curing of concrete (seven days or as specified). |  |  |
| SD 1316,1317, 1318, 1320 | Has the base slab been constructed in accordance with the relevant standard drawings?  See also concrete operations checklist.  **This is the critical part of the process for this type of culvert.** |  |  |
| SD 1316 | Have the Crown units been installed in accordance with the relevant standard drawing? |  |  |
| MRTS03 Cl 12.3.6 | Has the contractor installed dowel bars in the top of the units to locate the spanning slabs? |  |  |
| MRTS03 Cl 12.3.6 | In multiple cell culverts are the gaps between lines of installed cells a min of 40 mm wide and:   1. filled with concrete end plugs extending a minimum of 250 mm along the gap (full height)? 2. gaps between the cells are dry packed with concrete infill material (where applicable). |  |  |
| MRTS03 Cl 12.3.6 | Has the contractor filled the space between the spanning slabs with lean mix concrete? |  |  |
| MRTS03 Cl 12.3.6 | Has 24 hours elapsed prior to the placement of any other fill over the culvert? |  |  |
| MRTS03 Cl 18.3 & 19.3 | Have the end structures been constructed in accordance with the relevant Standard Drawings? |  |  |

**Additional issues for consideration**

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|  | Additional care is required when setting our culverts are skewed and on curved alignment |

*Delete below section if not required*

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| Audited by: |  | |  | |  | |
| Name |  | Signature |  | Date |  |