

## Network Outcomes Contract Governance & Management Group Clarification

Reference Number:	NOCC No. 18
Subject Title:	Bridge Responsibilities
Issue Date:	26 September 2017
Clarification Purpose	Clarification is provided to ensure the NOC is being interpreted consistently. The clarification does not remove or supersede the Network Outcomes Contract documentation.

## SUBJECT

This clarification is of the intent of the NOC Maintenance Specification (MS) Section 5.4 Bridge and Other Structures Maintenance Management, being the responsibilities of and relationship between the NOC Contractor (Contractor) and the Regional Bridge Consultant (RBC), and clarification of the NOC MS Section 6.1.1 Routine Bridge Maintenance at bridge approaches.

## RESPONSE

### Item Index

- 1/ Routine Surveillance Inspections (MS Section 5.4.1)
- 2/ Six Monthly Bridges and Other Structures Meeting (MS Section 5.4.2)
- 3/ Routine Sealed Pavement Maintenance (MS Section 6.1.1)

### Items

#### 1/ Routine Surveillance Inspections (MS Section 5.4.1)

The intent of the routine surveillance inspections within the NOC is to ensure all structures are inspected annually, either by the RBC or the Contractor.

By agreement between the Agency, the Contractor and the RBC an alternative programme of routine surveillance inspections can be implemented provided the intent that every structure is inspected annually is achieved. The NOC Contractor should provide RBC with inspection results at least monthly or as they become available, to ensure any potential risks are known.

## **2/ Six Monthly Bridges and Other Structures Meeting (MS Section 5.4.2)**

To ensure that the six monthly meeting targets key asset needs we recommend that the following agenda items be covered:

### ***Routine Bridge Maintenance***

- Contractor to provide draft schedule of routine maintenance items they have identified to the RBC for endorsement. This shall include a prioritised work programme and identify whether the items are included in the NOC lump sum or are outside the lump sum. Contractor shall provide prices for proposed routine maintenance items not included under the lump sum.
- Discussion of any particular (unusual or significant) routine maintenance activities eg bridge approach condition, deck joints etc.
- Discussion on progress of routine works and of any outstanding maintenance.
- RBC to provide endorsement of the Contractor draft work programme, including work prioritisation.
- RBC to provide any additional Routine Maintenance defects identified during inspections.

### ***Structural Bridge Maintenance***

- Contractor to advise any possible Structural Maintenance defects identified.
- Contractor to provide RBC with update on progress of RBC identified works.
- RBC to outline upcoming physical works programme.
- RBC to identify works for the Contractor to price.

### ***Other Structures Maintenance***

- Same items to be addressed as noted in routine and structural bridge maintenance.

### ***Changes to State Highway Network***

- Contractor to supply to RBC maintenance boundary changes and agreements with TLA's affecting structures.

### ***Proposed Works on Existing Structures***

- Contractor to advise of any known and proposed works on existing structures, e.g. utility installation on bridges, resurfacing of bridge decks, barrier modifications etc.

### ***Emergency Response Issues***

- Contractor to advise changes to emergency response plans.
- Contractor to outline any emergency response issues affecting structures.

### ***Proposed New Works***

- Both parties to outline any known or proposed new structures on highway, regardless of origin (for NZTA feedback purposes).

### ***Communications/Contacts***

- Advise changes of contact details.
- Contractor to raise any correspondence received relating to structures.

### ***Other matters***

- Discuss upcoming traffic management requirements and possible conflicts.
- Contractor to update RBC with any changes to the structural inventory held by the Contractor.
- Resource consents issues and Health and safety issues affecting structures.
- Discuss any barrier matters.
- Discuss any funding matters.
- Discuss any Minor Improvement works that affect any structure, and any peer review requirements.
- Discuss any Network Safety issues relating to structures.

### **3/ Routine Sealed Pavement Maintenance (MS Section 6.1.1)**

#### **Bridge Approaches and Surfacing FAQs**

Question/ What happens if there is a noise complaint, does the RBC get involved ?

Response/ This in part depends on who logs the complaint. Complaints are logged into the CRMS system and these are assigned to a relevant party be it RBC or Contractor. In the case where the NOC has received or been assigned the complaint then they would either investigate or pass on to the RBC.

Question/ How are depressions or abrupt surface irregularities causing vehicle 'bounce' identified and remedied, Are there performance requirements for roughness that would trigger actions or are there any other contractual obligations ?

Response/ The Contractor has an obligation to address the OPM for deformations at bridge abutments, where the height or depth of the deformation is greater than 50mm within the sealed pavement, unless Contract Risk Profile 60 is triggered. Note we do not expect the contractor to wait until Contract Risk Profile 60 is triggered, but to address deformations promptly and reconcile annually.

The Contract allows for a more proactive approach to address roughness which includes targeting bridge approaches and deck joints through the Roughness programme in the Annual Plan submission.

Question/ Does the RBC need to be informed when surfacing treatments are to be undertaken on bridges ?

Response/ Yes, the RBC should always be consulted for any surfacing works on bridges as there are potential dead loading implications to be considered.