

## TEMPORARY BRIDGE INSPECTION NOTES

INSPECTION MUST BE CARRIED OUT SYSTEMATICALLY – always use the FEMALE EOB as reference (i.e. female end is bay 1).

Use the following guidelines when completing the TEMPORARY BRIDGE INSPECTION REPORT

- I. Drive across the bridge – slowly, in both directions, with the windows down;
  - Listen for any erroneous noises
  - Note any bumps, ridges, etc.
  
- II. Inspect the road markings/signs leading up to the bridge in both directions;
  - Are restrictions being adhered to (speed limit, weight limits, etc.)?
  - Are markings/signs visible, correct, etc.?
  
- III. Inspection of abutments
  - a. Backwall
    - Is it in sound condition?
    - Has it settled relative to the deck level?
    - Check between wall and deck
  
  - b. Bearing shelf
    - Is it in sound condition?
    - Has there been any settlement?
    - Is it littered with debris, dirt, etc.?
  
- IV. Inspect bearings
  - a. Fixed
    - Are they in sound condition?
    - Is the bridge seated correctly?
    - Has the bearing moved?
  
  - b. Sliding
    - Are they in sound condition?
    - Are the dust covers in place?
    - Are they clean and free to slide?
    - Is the bridge seated correctly?

- V. Inspect the decking
  - Listen for erroneous noises as traffic passes.
  - Walk along the length of the bridge checking for uneven surfaces, damaged areas, damaged curbs, missing surfacing, etc.
  - Check deck screws/nuts and side fixing bolts.
  
- VI. Inspect trusses – one bay at a time
  - Transom/panel connection
  - Raker
  - Tie beam
  - Panel verticals/diagonals
  - Reinforcing chords
  - Pins
  - Spacer bolts (at female EOB)
  
- VII. Inspect the transom and bracing
  
- VIII. Inspect the guard rail; truss protection bollards, etc.
  - Is guard rail fixed to panel/transom correctly?
  - Has guard rail damaged panel/transom?
  
- IX. Inspect piers
  - Are caps in sound condition?
  - Are columns plumb?
  - Has there been any settlement?
  - Is the span junction detail in the bridge OK?
  
- X. Check deflection in both trusses
  
- XI. Note the loading that occurs (over a timed period).
  
- XII. Note any special finishes (surfacing, truss mesh, etc.)