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.)