

## **Attachment 2020–3.0: Guidance for Coding FATIGUE SENSITIVE DETAILS**

The screenshot shows a web browser window with the address bar displaying 'njta-it.bentley.com/form.aspx?id=58493&type=1&fg\_id=464&fm\_id=699'. The form contains the following fields and sections:

- TYPE: [text input]
- MATERIAL: [text input]
- SUPERSTRUCTURE TYPE 2:
  - TYPE: [dropdown menu]
  - MATERIAL: [dropdown menu]
- SUPERSTRUCTURE TYPE 3:
  - TYPE: [dropdown menu]
  - MATERIAL: [dropdown menu]
- FATIGUE SENSITIVE DETAILS:** [text input, highlighted with a red box]
- ADDITIONAL: [text input]
- SUBSTRUCTURE:
  - ABUTMENTS:
    - ☐ PILE BEARING
    - ☐ SOIL BEARING

For all structures with concrete superstructures (RC and PSC), code “N/A”.

For any structures with steel superstructure and/or substructure, code “There are no Category D, E, or E’ fatigue sensitive details.” if none exist.

If any of these three (3) fatigue detail categories (Category D, E, or E’ ) exist at the bridge, the fatigue detail(s) are to be precisely listed (e.g. welded lateral bracing gusset plates to girder flange (Cat E), welded bottom flange cover plate terminations (Cat E’), open holes in tension member or riveted connections (Cat D), etc.).

The field is to be filled only as prescribed above. Indicating “None” or leaving blank is not acceptable.

Listing (A, B, B’, C, and C’) fatigue details are not required as these details are deemed not critical.

All locations included in the Fracture Critical Plan shall match those included in this section and vice-versa.