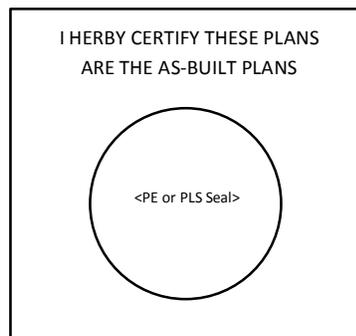


FEMA CERTIFICATION

In order to comply with the National Flood Insurance Program (NFIP) regulations administered by the Federal Emergency Management Agency (FEMA), the Department must provide sealed As-Built Construction Plans within six (6) months of structure completion, certifying that the major drainage structure(s) and associated roadway embankment that are located within the 100-year floodplain were built as shown in the construction plans, both horizontally and vertically.

The Hydraulics Unit is responsible for ensuring that the Department meets FEMA compliance by submitting the certified As-Built Plans for these major drainage structures. Projects requiring FEMA Certification will be identified in the Green Sheet Commitments (in the environmental document), and the Hydraulics Unit will submit a FEMA Certification Request for the affected structures. The appropriate sheets of the As-Built Plans requiring certification will have a title block for the certification as follows:



Certification consists of a professional licensed surveyor's (PE) or professional engineer's (PE) seal, signature, and date. In the absence of the title block, the certification consists of a PLS or PE seal, signature, and date with the following note placed above the seal: "I hereby certify these plans are the as-built plans."

For BRIDGES, the Structure General Drawing Layout Sheet will contain the title block.

For CULVERTS, the following Culvert Plan Sheets will contain the title block:

- The sheet showing the location sketch, plan, and profile along centerline of the culvert
- The sheet showing the culvert section normal to the roadway and end elevation
- The sheet showing the roadway profile in the area of the structure

The certification should be made upon completion of the work in the floodplain. All approach fills, unclassified structure excavation, bents, and superstructure members should be complete prior to making the certification. The certification should be made on the half-sized Structure General Drawing or Culvert Plan Sheets as noted above and submitted to the Hydraulics Unit at the following email address: NCDOT_Hydraulics_As-Built_Plans@ncdot.gov. It is preferred that the certification be transmitted electronically (PDF) via this email address; however, a hardcopy delivered through the mail to the Hydraulics Unit FEMA Coordinator is also acceptable.