

## **SECTION 16**

# **WORK-AS-EXECUTED DRAWINGS**

## 16 WORK-AS-EXECUTED DRAWINGS

### 16.1 GENERAL

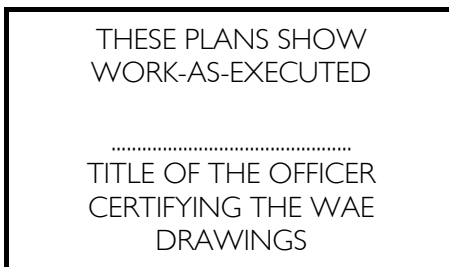
Work-as-Executed drawings shall be prepared for all bridges designed by the Authority, designed by Consultants for the Authority and for bridges that are constructed under Design and Construct and similar contracts and will become the property of the Authority in the future.

### 16.2 STANDARD OF WORK REQUIRED

- (a) Drawings shall be thoroughly checked to ensure that all the departures from the approved design have been shown correctly on the drawings. Any departures from the approved design shall be clearly marked in red ink on a high quality, A1 size paper copy of the drawings.
- (b) Where departures from the approved design have been shown, they shall be correctly highlighted i.e. enclosed by a continuous wavy line (as shown in Figure 7.1 in this Manual) and the letters WAE (in red ink) shall be placed in close proximity to the highlighted area.
- (c) The amendment block immediately above the title block shall be completed with the correct information to reflect the WAE changes

i.e.	ISSUE	WAE
	DATE	As appropriate
	REVISION	A brief description of changes from the approved design
	PREP	Initialed by the Officer responsible for recording the changes
	CHK	Initialed by the Engineer responsible for the project design or other officer as appropriate.

- (d) A stamp or lettering, similar to that shown below, (in red ink) shall be placed in an appropriate position on each WAE drawing and the name, position and signature of the officer certifying the WAE drawings (in black ink) appears inside the box surrounding the lettering.



It is the responsibility of the officer certifying the WAE drawings to ensure that the WAE drawings contain all information on the departures from the approved design and detailing as documented in relevant correspondence and other documents during the construction of the bridge. Copies of such correspondence shall be placed on the general file for the subject bridge and shall be followed up to ensure all matters pertaining to any questionable areas are resolved and recorded accordingly.

- (e) Following the certification of Work-as-Executed drawings, the drawings shall be forwarded by the certifying officer (or by a person appointed by the certifying officer) to the RTA's Micrographics Section for the purposes of Microfilming so that a permanent record of the Work-as-Executed drawings can be made.
- (f) An A3 size paper copy of the Work-as-Executed drawings shall be ordered and provided to the RTA's Bridge Engineering Section for records and future reference purposes. These drawings shall be stored in the "A3 Master" plan storage cabinet by the Documentation Officer.
- (g) Where the Work-as-Executed drawings supplied are for a structure deemed to be of structural, architectural or historical significance, the completed original drawings shall be forwarded to the NSW Office of State Archives for permanent retention and storage.

### ***16.3 PROJECTS DESIGNED AND CONSTRUCTED UNDER CONTRACT***

Where projects are completed under a Design and Construct, Build Own Operate Transfer, Public Private Paternership or other similar type of contract, the companies responsible for the design and construction of the project shall submit an A1 size paper copy of Work-as-Executed (WAE) set of drawings, prepared in accordance with Clause 16.2 above, to the RTA's representative for the purposes of microfilming in colour.

The WAE plans provided to the Authority should be verified and certified (refer to Clause 16.2 (d) above) endorsed by an RTA representative or other RTA delegated officer.