

Initial Requirements

A free checklist: 5 things to have, or get, before you start any civil design project · Derek Rosborough, Civil Design Help Desk

Before thinking about or starting any civil design project, check: do we have these, or can we get them? Gaps found now cost minutes. Gaps found halfway through the design cost days.

The 5 requirements

☐ **1. Budget: cost, restraints, timing and staff.**

Tip: know the fee, the deadline and who is available before you commit to a programme.

☐ **2. Design project planning: options, concept or detail.**

Tip: confirm which stage you are delivering, so you don't detail an option that hasn't been chosen.

☐ **3. Software available or required, and other disciplines using it.**

Tip: agree file formats and versions with the client and other disciplines up front.

☐ **4. Design speed and maximum superelevation.**

Tip: get them in writing; they drive your control lines, cross sections and superelevation.

☐ **5. Flood level constraints.**

Tip: these feed your no-go zones and minimum levels in step 3 of the Typical Design Process.

Next step

Once you have these, work through the free **Typical Design Process** checklist, one step at a time.

Need a hand? Book a one-on-one screen-share session: A\$150 an hour, or A\$125 for members. Email civildesigntraining@gmail.com.

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