

Oliver Braithwaite

Civil Engineer

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SUMMARY

Chartered civil engineer with 9 years across highways, drainage, and flood-alleviation schemes in the South West. Delivered £12m of works from outline design to site supervision, with designs to Eurocodes that saved concrete, programme weeks, and client budgets.

EXPERIENCE

Civil Engineer — Avonside Civil Group 02/2022 – Present

- Design highway and drainage schemes in AutoCAD Civil 3D across four local-authority frameworks worth £6m combined
- Supervised earthworks and Section 278 junction works on a £2.4m scheme, closed out with zero reportable incidents
- Optimised a flood-relief culvert design to Eurocode 2, cutting concrete volume 15% and the programme by three weeks

Assistant Civil Engineer — Westgate Infrastructure 09/2019 – 01/2022

- Modelled surface-water drainage networks in MicroDrainage for 12 residential developments totalling 800 plots
- Produced reinforced-concrete designs to Eurocode 2 for retaining walls up to 4.5 metres and two pumping stations
- Coordinated diversions with five statutory undertakers, protecting a 14-week construction programme on a congested urban site

Graduate Civil Engineer — Severn Consulting Engineers 08/2017 – 08/2019

- Surveyed and set out road alignments and drainage runs on two highway improvement schemes worth £1m each
- Prepared drainage calculations and flood-risk assessments for 9 planning submissions across the region

EDUCATION

BEng (Hons) Civil Engineering — University of Bristol 2014 – 2017

SKILLS

AutoCAD Civil 3D | MicroDrainage | Eurocodes | Highway design | Drainage strategy

NEC contracts | Site supervision | CDM 2015 | Flood risk assessment | Bills of quantities

CERTIFICATIONS

Chartered Engineer (CEng MICE), Institution of Civil Engineers