METIS case study

# Risk-based Drainage Regime

Undertaking a risk-based approach towards maintenance on gully and soakaway assets was Brighton & Hove City Council's priority. The aim being to ensure existing flood risks are better managed and mitigated where possible.

## OUR APPROACH.

- Work with Council officers to understand the thinking behind the current maintenance strategy and to analyse silt level data.
- Utilise our unique Regenerate—Scheme Prioritisation tool to ensure each road in the city is tempered by political and social drivers to prioritise location factors that will effect local flooding.
- Assign maintenance frequencies based on silt level data, location and risk assessment to mitigate the risk of flooding.
- Analyse funding implications based on the level of risk the Council is willing to take.

## PROJECT OUTCOMES.

- Through this project, Brighton & Hove City Council has:
- Enabled the adoption of cyclic maintenance regimes for gully and soakaway assets that support a proactive asset management approach and manages risk of flooding.
- Developed a drainage resilient network that supports the recommendations set in the DfT Transport Resilience Review, 2014 and the UKRLG Well-Managed Highway Infrastructure Code of Practice, 2016.
- Generated robust evidence to support their business case for additional maintenance funding for drainage assets.

Brighton & Hove City Council

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