

Summary of Updates to 2023 Drainage Manual

Chapter 2 – Open Channel

Section 2.5 – Removed “Resilience” from the heading. Resilience is highlighted in Chapter 1.

Figure 2.1 – Converted to an image rather than an active table.

Chapter 3 – Storm Drain Hydrology and Hydraulics

Section 3.9.1 – Added spread analysis during MOT and additional spread language from the Turnpike Drainage Handbook.

Section 3.9.3 – Changed “associated with” to “required for” typical section approval, to match the language added to the FDM from the Turnpike Drainage Handbook.

Section 3.11 – Added requirement to provide verification of wall zones.

Section 3.12.3 – Added requirement for resilient connectors for vertical pipes.

Section 3.13.1 – Updated documentation reference to reflect the switchover to FDM 900/ Open Roads Designer

Chapter 4 – Cross Drain Hydraulics

Section 4.9.2.1 – Added reference to FDM for multi-disciplinary approach to scour.

Chapter 5 – Stormwater Management

Section 5.4.1.1 – Added language from the Turnpike Supplement regarding treatment swales and base clearance.