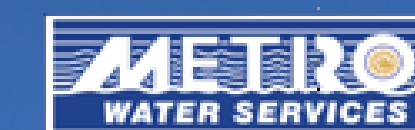




Culvert & Storm Sewer Hydraulics ¹

- Stormwater Management Manual (SWMM) Volume 2, Chapters 5 & 6
 - <https://www.nashville.gov/Water-Services/Developers/Stormwater-Review/Stormwater-Management-Manual.aspx>
- Currently the ~~two~~ materials for culverts allowed within Right of Way (culverts that carry public water) are concrete (Class III) and ~~corrugated metal (Aluminized-Type 2)~~
- **(Note: proposed regulation revision for concrete only)**



Guidance Document for Pipe Inspection & Evaluation ²

- **Intent:** Metro Nashville to require:
 - Pre-Installation Inspection
 - Pipe Installation and Inspection
 - Post Installation and Inspection (PII)

Implemented Q4 - 2021

Post Installation Inspection (PII) ³

- Any project stormwater infrastructure that is to become the responsibility of Metro to maintain shall be video-inspected to verify proper installation with the video recording submitted as part of as-built record
 - Video inspection performed by a NASSCO PACP certified operator
 - Remote video camera (48 inch diameter or smaller)
 - Person way direct measurement (larger than 48 inch)
- Perform inspection 30 days after installation (unless otherwise pre-approved by MWS)
- Provide PII Report to Engineer of Record (EOR)
- Address condition grades of 3 or higher
 - Re-video to inspect entire run of pipe

