Errata to
AWWA Manual M45
Fiberglass Pipe Design
3rd Edition
(June 2020)

Chapter 4, Page 27, Equation 4-15, the beginning of the equation should read:

\[
\frac{1}{f_i^{0.5}} =
\]

Chapter 5, Page 54, Equation 5-18, revised denominator in the equation should read:

\[
PS = \frac{EI}{0.149 \times r^3 \times C}
\]

\[
PS = \frac{EI \times 10^6}{0.149 \times r^3 \times C}
\]

Where:

\[
C = \left(1 + \frac{\Delta y_i}{2 \times lD}\right)^3
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- \(E\) = ring flexural modulus, psi
- \(I\) = moment of inertia of unit length, in.\(^4\)/in.
  \(= (t_i)^3/12\)
- \(r\) = mean pipe radius, in.
  \(= (OD - t)/2\)

- \(E\) = ring flexural modulus, GPa
- \(I\) = moment of inertia of unit length, mm\(^4\)/mm
  \(= (t_i)^3/12\)
- \(r\) = mean pipe radius, mm
  \(= (OD - t)/2\)

Chapter 8, Page 106, Section 8.4.3.1 should read as follows:

8.4.3.1 Type I. Pipe analyzed as simply supported single spans...