



Storm & Sanitary Sewer Pipe Design, Installation, & Inspection Training

Location: Phoenix City Hall
200 W Washington St, Phoenix, AZ 85003

WEDNESDAY MARCH 27th
8:00AM to 12:00 PM

(MAXIMUM ALLOWED PDHs = 3.5)

Prerequisites – Review MAG Section 601/611 and ADOT Section 501

8:00 – 9:00: INTRO, RIGID & FLEXIBLE PIPE DESIGN

We'll meet, greet then dive into the various pipe materials used for storm and sanitary sewer in Arizona. We'll discuss specification considerations and design of both flexible and rigid pipes.

9:00 – 9:45: PRE-INSTALLATION INSPECTION

Pre-installation inspection is the first step in a successful installation. When evaluating sanitary & storm sewer pipe material, what is acceptable and what is rejectable? How should product be handled, stored, and prepared prior to installation?

9:45 – 10:00: BREAK

10:00-11:00: INSTALLATION

We'll discuss installation best practices for both rigid and flexible pipes. This will cover local specification requirements pertaining to trench widths, foundation, joint assembly, haunching, pipe zone embedment, backfill material, compaction & connections.

11:00-11:15: BREAK & LUNCH

11:15-12:00: POST-INSTALLATION INSPECTION

Post-Installation Inspection is the last step in the quality control process to ensure the owner is receiving a long-lasting solution. We will explain proven methodology for Low Pressure Air Testing, Closed Circuit Television Inspection (CCTV), Laser Profiling, and deflection mandrel go-no-go testing.

12:00: CLOSING