

DISTRICT ONE

PIPE VIDEO INSPECTION & SUBMITTAL CRITERIA

OVERVIEW:

Share information which provides the CCEI with guidance in what to look for when reviewing pipe video, related specifications and standards, pipe deficiencies, pipe deficiency documentation and submittals.

STANDARD SPECIFICATION SECTION 430

- JOINT GAP TOLERANCE
- CLEANLINESS
- DAMAGE
- VIDEO REQUIREMENTS (Equipment Certifications, speed, viewing requirements)
- SUBMITTAL PACKAGE
 1. Video Report – Interpretation, What should be included
 2. Pre and Post Video findings “Deficiencies”
 3. Marked up Plan and Profile Sheet

WHAT TO LOOK FOR

- Pipe to Structure Connection
- Joint Gap – Rigid Pipe
- Cracks and Splits –Rigid and Flexible Pipe
- Cleanliness – Rigid and Flexible
- Misalignment of Joints – Rigid and Flexible
- Bulges or Depressions – Flexible Pipe
- Deflection – Flexible
- Certification Stating Mean Diameter of Pipe supplied on the Project – Flexible Pipe

CRITERA

Concrete Pipe

- Joint Gap
- Spalls
- Rolled Gaskets
- Cracks – <0.01” – Circumferential - Cosmetic, Non-Structural or Structural
Longitudinal - Structural
- Cracks - >0.01” – Circumferential/Longitudinal – Structural or Non-Structural

Flexible Pipe

- Deflection - > 5% - Structural
- Splits/ Cracks /Bulges– Structural

REPORT INFORMATION

- Video DVD
- Pipe Inspection Report
- Report Log – Summary
- Plan and Profile Sheets Identifying Deficient Pipe Runs
- Pipe Deficiency Spread Sheet