URETEK SEMINAR

Infrastructure Rehabilitation

AGENDA

DuPAGE COUNTY MUNICIPAL ENGINEERS GROUP
421 N County Farm Rd, Wheaton, IL

Thursday, December 3, 2015

A. Introduction

B. Infrastructure from the Inside

C. Infrastructure from the Outside

D. Infrastructure Rehabilitation

E. Summary
Geopolymer Technology for Infrastructure Applications

CONCRETE SEALING AND SOIL STABILIZATION SOLUTIONS
FOR INFRASTRUCTURE APPLICATIONS
URETEK’s patented technology offers municipalities and public works officials the control to restore, rehabilitate, and extend the useful life of city infrastructure with minimal disruption to the public. URETEK’s structural polymer seals, realigns, and stabilizes leaky manholes, sunken culverts, deficient dams and spillways without major excavation.

URETEK puts YOU in CONTROL over your public works projects.

- **LIFT.** Raise sunken culverts without excavation
- **LEVEL.** Realign settled drainage with precision and speed
- **STABILIZE.** Seal ground water leaks around infrastructure

**TUNNEL EROSION**

**BEFORE**

**AFTER**

**RESTORING INFRASTRUCTURE**

25 Years

$2.2 trillion

Over 85,000 successful projects
URETEK's patented structural geopolymer is ideal for aging infrastructure. The URETEK Method® and URETEK's Deep Injection® Process combine speed, power, and precision to reduce down time and extend the service lifespan of infrastructure assets.

**INFRASTRUCTURE SOLUTIONS**

- Manhole Sealing
- Culvert Realignment
- Tunnel/Pipe Stabilization
- Dam/Spillway Restoration
- Natural Disaster Support

**Fast. Accurate. Permanent.**

LIFT • LEVEL • STABILIZE

- Over 85,000 successful projects
- Over 25 years experience
- 90% faster process
- Zero excavation
- URETEK environment control.
Corrugated metal pipe (CMP) commonly suffers structural damage from soil erosion, abrasion, corrosion and buckling. Washouts and collapse are disastrous and costly.

Centrifugally Cast Concrete Pipe is a cost effective, NO DIG solution for structural lining of culverts. A new, structural concrete pipe is spun cast throughout the entire length of the culvert using the CCCP method. The PL-8000 concrete liner is designed for H-20 wheel loading. It contains rust inhibitors to prevent corrosion of the old metal culvert and it is highly resistant to abrasion for extended wear.

Benefits:
- fully structural pipe within the old pipe
- full flow capacities maintained
- completely monolithic – no joints
- sealed against ground water erosion
- high abrasion resistance
- internal rust inhibitors
- least expensive alternative
- quick return to service
- no excavation required
- impermeable – cannot leak
- certified applicator network

Another Trenchless Solution from AP/M PERMAFORM
System Wide
CMP Storm Sewer
Structural Analysis

Conclusive Structural Analysis of Large Storm Water Systems using a tiered approach.
1) Visual Appraisal for structural indicators and apparent flaws
2) Acoustic Assessment to identify potential soil instability
3) BCT Diagnostic Imaging to verify soil condition

Use Conclusive Information in your asset management system to baseline, monitor and trend asset condition for optimal decision making.

Prioritize Critical Assets based on condition, risk profile and replacement cost.

Make a Large and Complex System easy to understand.

www.inversasystems.com

The Insight™ System is the first CAT scan for infrastructure, providing meaningful and easy to interpret diagnostic images which allow critical maintenance decisions to be optimized.

Optimize Trenchless Rehabilitation