

Lifting Un-Level Concrete to Prevent Trip Hazards and Litigation Risks



***Presented by Andy Powell
Tech Consultant - Alchemy Polymers***

NE Portland sidewalk ridge caused woman to trip, states \$178,000 lawsuit against city



Commercial Concrete Problems

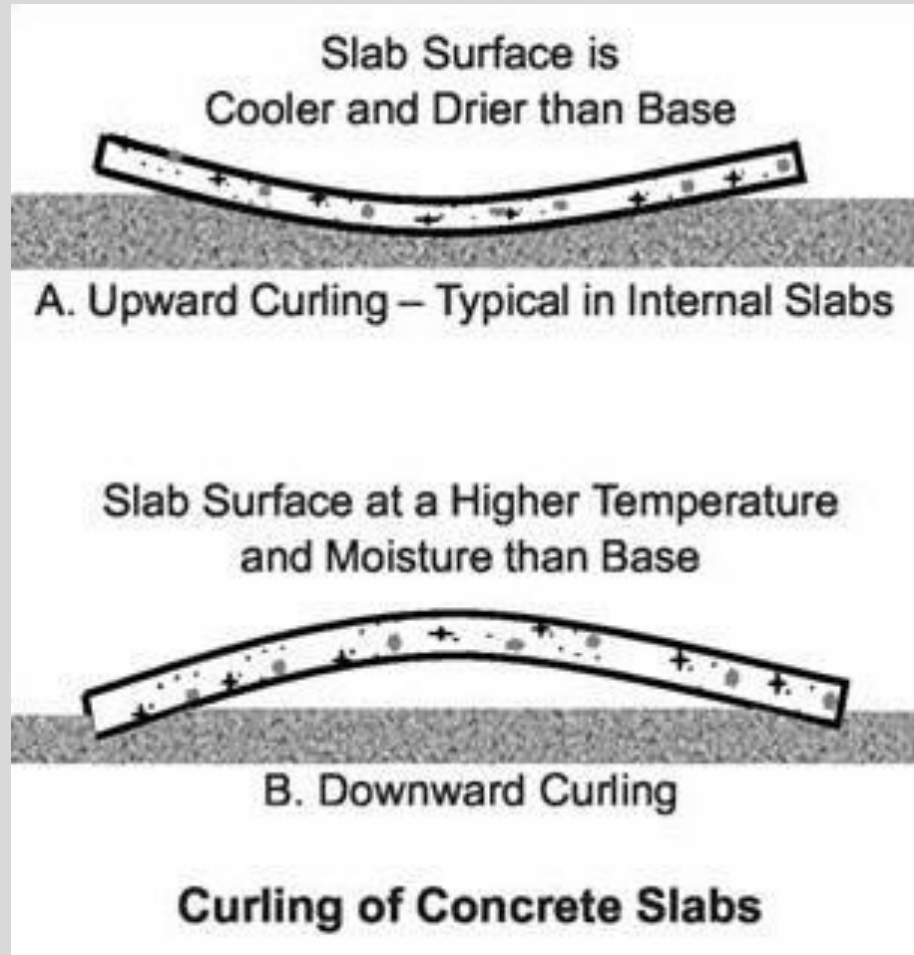


Cracking



Spalling

Commercial Concrete Problems



Commercial Concrete Problems



Sinking Driveways



Sinking Walkways

Reasons Slabs Sink



Weight



Erosion

Reasons Slabs Sink



Broken Pipes



*Improper
Site Drainage*

Reasons Slabs Sink



Poor Soil Consolidation



Construction Crew Built on a Trash Pit

Where to Look for Settling Slabs



Multi-Family Residential

Where to Look for Settling Slabs



Commercial / Industrial

Where to Look for Settling Slabs



Warehouse / Logistical Centers

Results of Neglect



*Damage to Vehicles
and Equipment*



*Un-level Warehouse
Racking*

Results of Neglect



Personal Property Damage

Results of Neglect



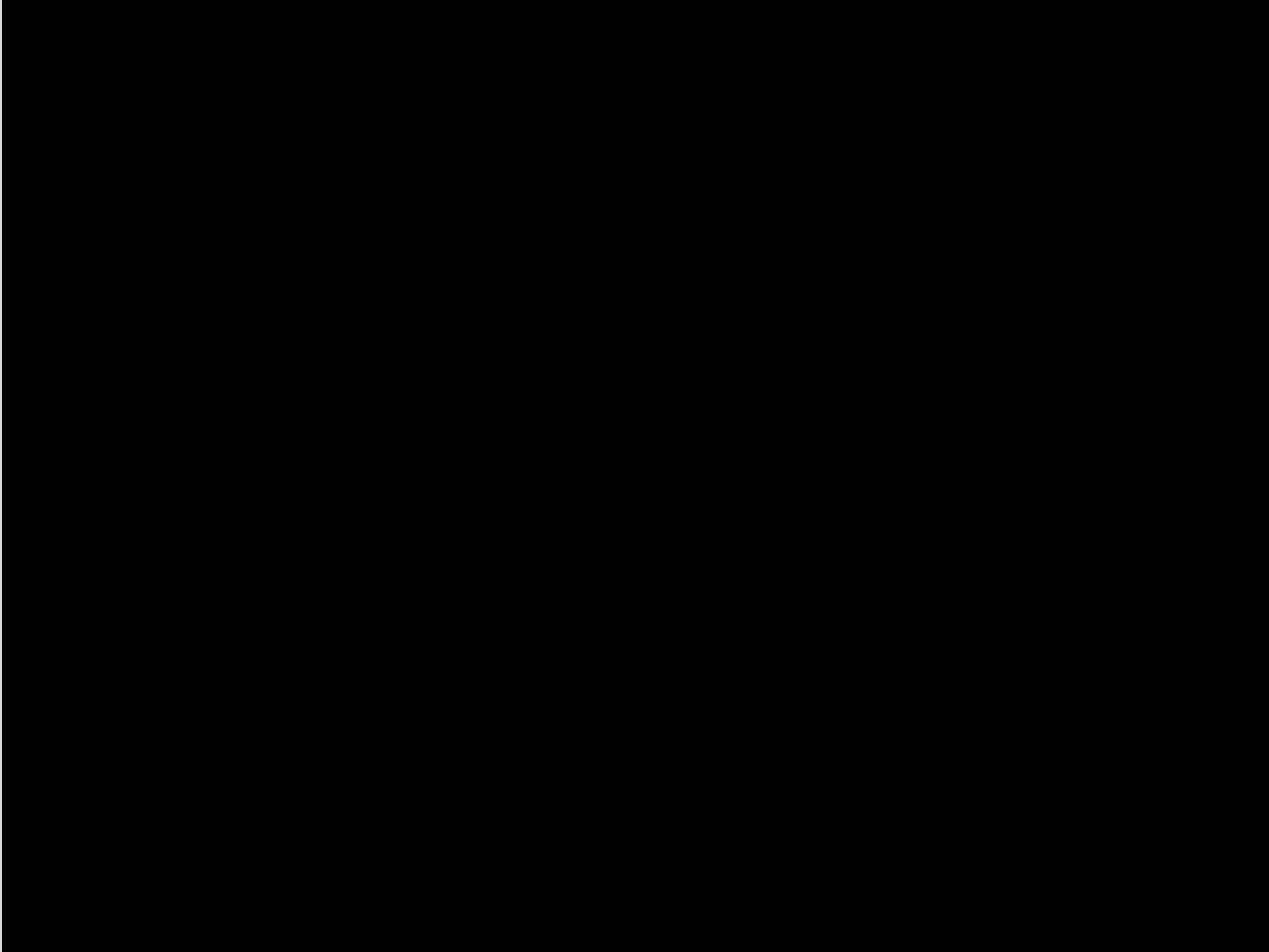
Sinkholes

Results of Neglect



Sinkholes

Results of Neglect (Video)



Sinkholes

Results of Neglect



Trip Hazards



Liability Issues

Results of Neglect



Personal Injury Attorneys

Statistics



A.D.A – O.S.H.A. – D.O.T.

Premises Liability



Options for Sunken Slabs



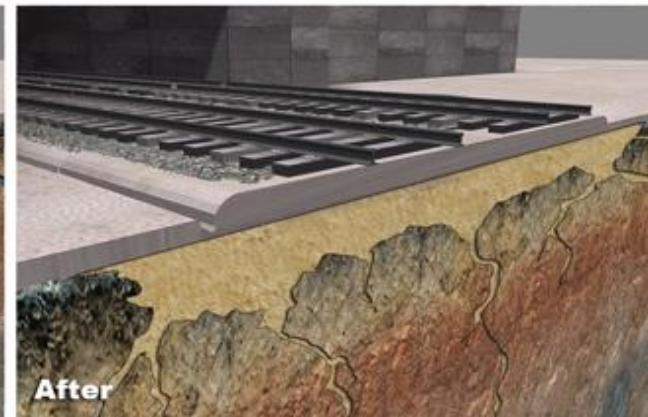
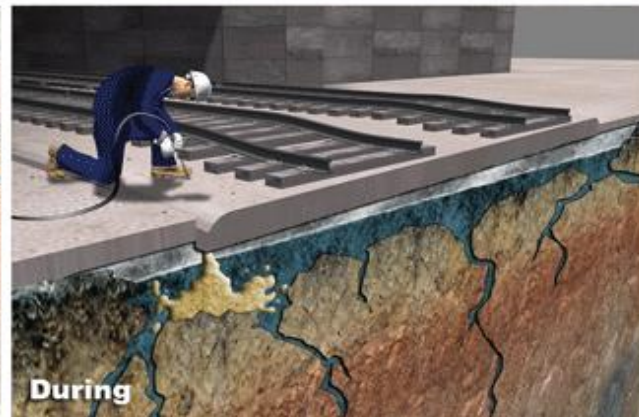
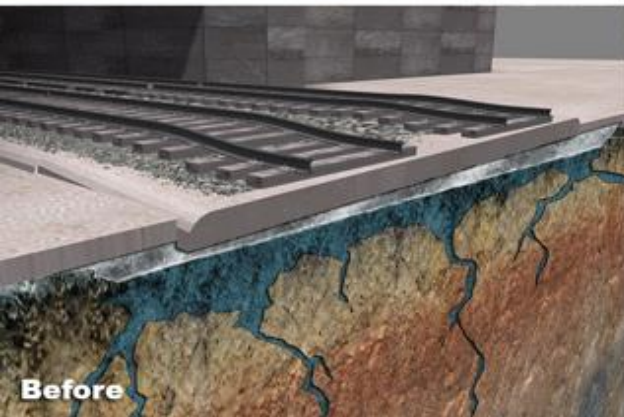
Tear Out & Replace

Options for Sunken Slabs



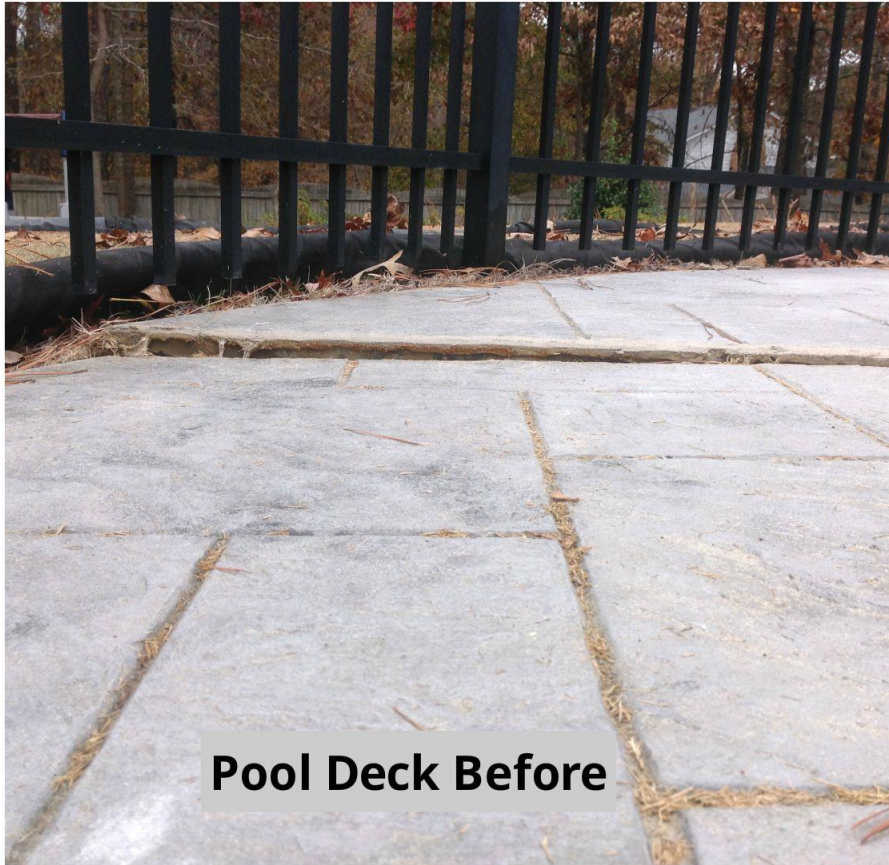
Mudjacking

Options for Sunken Slabs



Lifting with Polyurethane

Before and After



Lifting with Polyurethane

Before and After



Lifting with Polyurethane

Before and After



Lifting with Polyurethane

Technical Data



Options for Sunken Slabs (Video)



ALCHEMYPOLYMERS
ADVANCED CONSTRUCTION TECHNOLOGIES



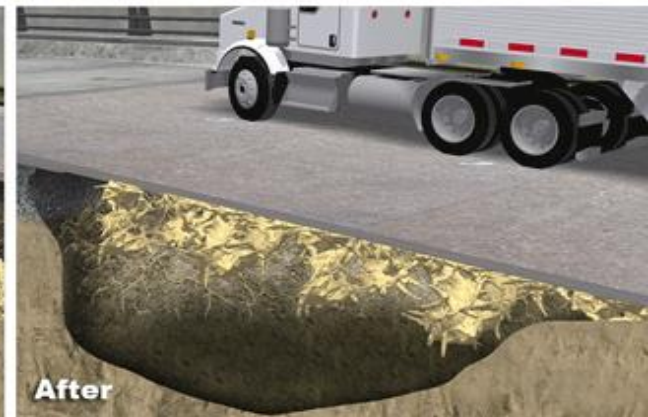
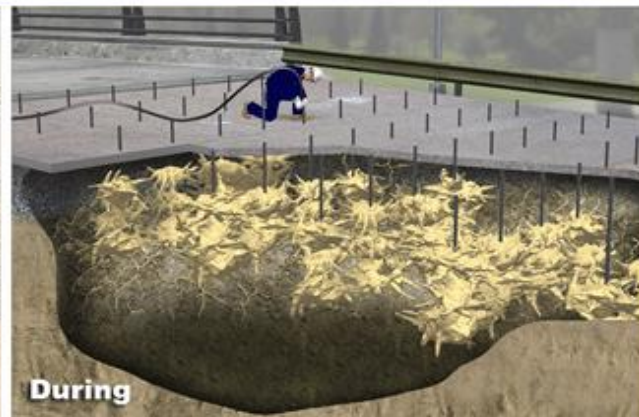
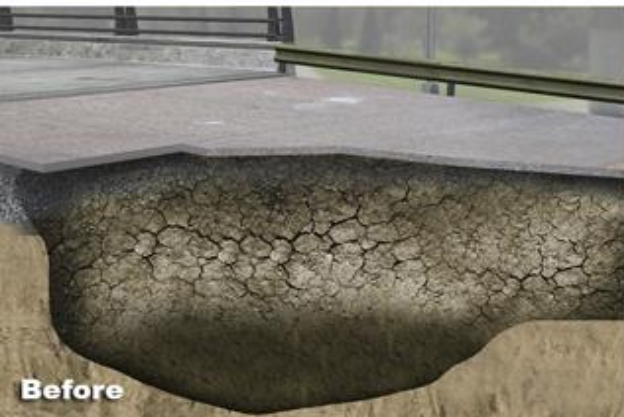
Lifting with Polyurethane

Repairing Spalls, Cracks & Joints



Fix with Epoxy and Polyurethane Mortar

Other Concrete Repair Solutions



Soil Stabilization

Other Repair Solutions (Video)



ALCHEMYPOLYMERS
ADVANCED CONSTRUCTION TECHNOLOGIES



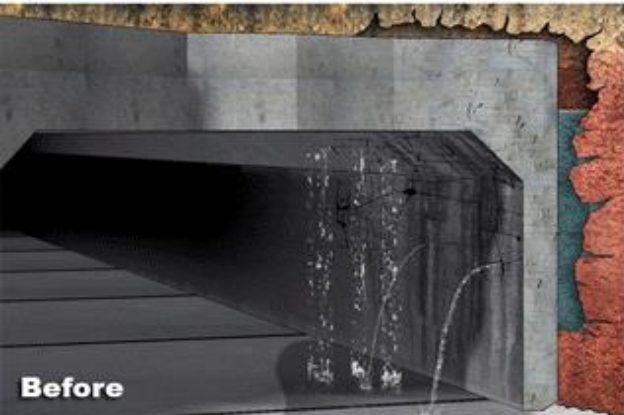
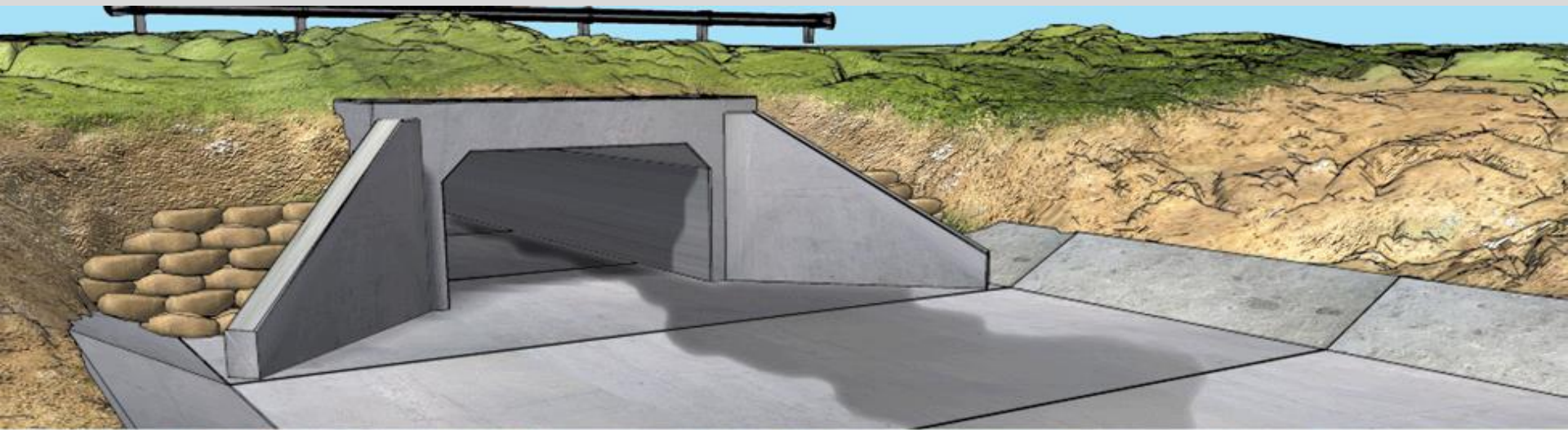
Soil Stabilization

Other Concrete Repair Solutions



Crack Injection

Other Concrete Repair Solutions



Void Fill



ALCHEMYPOLYMERS
ADVANCED CONSTRUCTION TECHNOLOGIES



*At the end of the day,
who's got your back?*

Questions

