

## MONOFORM PLUS™

Monoform PLUS™ is a trenchless, fully structural manhole rehabilitation solution with a corrosion resistant barrier. Ideal for underground utility structures impacted by corrosion or degradation. This process extends a structure's life without the cost of a complete replacement.



Combination of **TWO** Proven Technologies into **ONE SINGLE** System:  
**MONOFORM™ FORMING SYSTEM + AGRU ULTRA-GRIP HDPE LINER**  
The Ultimate Manhole Rehabilitation Product Available

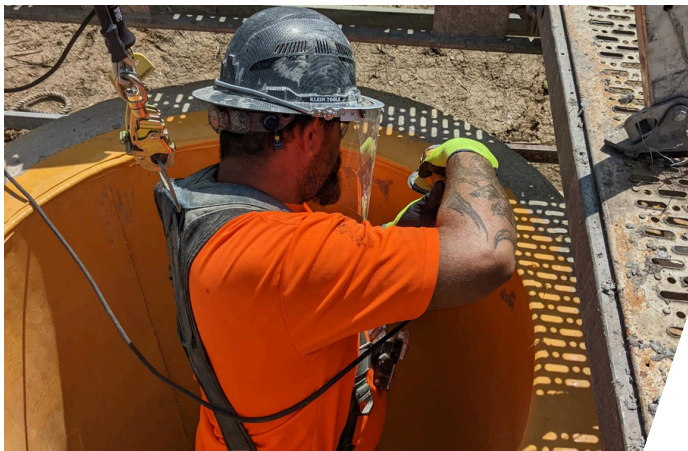
### 1 Traditional Monoform™ Forming System

- Produces a fully structural trenchless manhole
- One-piece, monolithic structural concrete liner
- Designed for failing brick, block and precast manholes
- Fully configurable custom ABS plastic forms
- Economical alternative to complete manhole replacement
- Minimal surface disruption



### 2 AGRU HDPE Ultra-Grip Interior Liner

- AGRU's Concrete Protective Liner (CPL)
- Made of chemically resistant plastics that prevents concrete corrosion
- Significantly extends the life of structures
- CPL life expectancy for municipal wastewater applications is 50-100+ years
- Flexible Therma-Plastic
- Available in 2mm, 3mm and 5mm Thicknesses
- Anchor height 13mm (1.3cm)



- ✓ 100% STRUCTURAL
- ✓ 100% CORROSION-RESISTANT
- ✓ TRENCHLESS

## Installation Procedure

- Initial MACP inspection performed; measurements taken
- Measurements sent to in-house fabrication facility for HDPE Ultra-Grip™ liner fabrication
- Saw-cut pavement into a diamond shape
- Remove existing casting and demolish chimney for structure access
- Install pipe slips; set forming system level
- Wrap forming system with AGRU Ultra-Grip™ HDPE liner
- Pour high-strength ready-mix concrete in the annular space
- Liner anchors embed into the concrete
- Remove forming system and pipe slips
- Weld liner seams for permanent, reliable joints
- Perform high voltage spark test on welded seams
- Set new casting to grade, completing restoration



## Benefits of Monoform PLUS™

- 100% structural
- 100% corrosion-resistant
- Trenchless no-dig technology
- Minimal traffic disruptions - No traffic detours
- No compaction issues with replacement
- No external bypassing with flows managed internally
- Quick Installation: 4 to 6 structures per week
- 1/3 of the cost of traditional dig and replace methods


**BEFORE**



**AFTER**



**CONTACT OUR TEAM  
TODAY TO LEARN MORE**

 (855) 845-5326

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