### Project Challenges
- Fill annular space of 120” corrugated metal host pipe being sliplined with new 96” corrugated metal pipe

### Solution
- Inject polyurethane into the annular space to fill void.
- Controlled expansion of polymer enables predictable and calculated injection

### Support
- Customer placed the sliplined pipe and provided traffic control
- Ground Works’ crews provided polyurethane injection in monolithic shoot that is at 90% strength in 15 minutes.

### Outcome
- One injection / no lifts required despite heavy rainfall during injection (URETEK’s patented hydro-insensitive formula displaces water during expansion)
- Actual injection time under 45 minutes
- Structural bond to host and new pipe

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**10” gap between new and host pipe**