

**INSPECTION GUIDE FOR
PIPE BURSTING**

October, 2006

PRE-INSPECTION PLAN REVIEW

- Review geotechnical and soil reports.
- Note location of other utility and/or MDOT facilities with respect to the proposed alignment.
- Note the minimum cover above the top of the pipe is _____ feet.
- Note new and host (existing) pipe characteristics:
Host pipe material _____,
Host pipe diameter _____ inches,
New pipe material _____,
New pipe diameter _____ inches,
- Review job site layout including: distance from access pits to roadbed, proposed sheeting and bracing, materials storage and fabrication area, safety devices (barrels, guardrail etc.), and dewatering pit locations.
- Verify all laterals are excavated and disconnected.
- Review bypassing plans.
- Note unique or special items /circumstances: _____

CONSTRUCTION INSPECTION

- Verify traffic control is consistent with the permit requirements, MISS DIG has been contacted, and the MDOT permit is on-site.
- Verify job site layout is consistent with the approved plans.
- Verify pit excavation and bypassing efforts are according to plans.

- Ensure that survey is performed as specified in special conditions.
- Verify new pipe characteristics are consistent with permit requirements.
- Verify any upsizing is in accordance with permit.
- Verify HDPE pipe is supported and secured reasonably with rollers, skates or other protective devices to prevent damage to the pipe, is new with smooth interior and exterior surfaces, is used within the entire influence area of the roadbed, has clean and square ends, joints are butt-fused and watertight, defective pipe is not used, and damaged pipe is removed, and the host pipe is inspected with CCTV, and the bursting head diameter is comparable with the replacement pipe diameter.
- Verify each end of the pipe is enclosed, restoration is completed.

PERMIT NO.

INSPECTOR

DATE