

## **New Pipe Bursting Record Set**

### **City Of Greensboro, NC –Downtown Water Main Replacement Project**

**In May of 2009, KRG Utility Contractor Inc. out of Lenoir, NC had a daunting project requiring the replacement of a 12-inch Cast-Iron water main with lead joints installed in the 1940's. The City wanted to replace the old Cast-Iron line with Ductile-Iron pipe because of the busy downtown business location and high traffic demands. The City required excavations and traffic disruptions to be kept to a minimum, so open cutting was out of the question, and the street sections had to be open for Monday morning rush hour traffic and downtown business. The work was scheduled to be preformed Friday evening thru Sunday.**

**Since the right of way area was limited, the city wanted to use the same ditch line as the old line and pipe bursting was the sensible option. The catch here was that the old existing pipe was 6 to 9-feet deep and under a previous roadway; the present roadway was elevated 2-4 feet above the old road, meaning the soil was highly compacted. 12" TR FLEX® restrained joint Ductile-Iron pipe was chosen for this arduous task.**

**The project was completed with three pulls: one-720-foot and two-760 foot pulls. The 760-foot pulls of this project set new pipe bursting records. In addition to limiting the impact to traffic and by keeping the excavations to minimum by performing such long pulls, the cost of reclamation was also kept to a minimum. The long pulls are not only a testament to the skill of the KRG Utility crew and the pipe bursting equipment from TT Technologies but also to great strength of the TR FLEX® pipe and joint.**

**Congratulations to Jeff Greene and KRG Utility.**

**KRG can be contacted at: 828-757-0006**

