

# **CITY OF ANGOLA**

## **TRACER WIRE SYSTEM NOTES:**

- 1. Tracer wire to be Copperhead" Steel Core Copper Wire #10, with High Density Polyethylene coating.**
- 2. Tracer wire shall be brought to the surface within 2' of the curb box and shall be connected to a SnakePit® Magnetized Tracer Boxe.**
- 3. Wire to be #10, continuous strand. If wire splicing is absolutely avoidable, use Copperhead Snakebite" Splicer filled Moisture Displacement Silicone for Corrosion Resistant Protection, part #SCB-OI.**
- 4. Tracer wire shall be installed over all waterlines.**
- 5. For Pipe Depths greater than 8' Tracer wire shall be placed centerline above pipe at max 8' depth. Normally, as per City ordinance the minimum depth of 5' and maximum depth of 6.5' bury is required.**
- 6. Contractor shall schedule a Conductivity/Locate Test (Conducted by City) upon completion.**
- 7. Termination box will be SnakePit® Magnetized Tracer Box with Anti Corrosion Technology, Ease of Locate ability, Exterior Direct Connection Point, and Tamper Proof Cover. (Lite Duty Box #LD14, Lite Duty Adjustable #LD14-A, Roadway Box #RB14, Concrete/Driveway Box #CD14, Lite Duty~L Box #LDXL36) Add "B"for blue lid (Water).**
- 8. Loop 18-24 inches of wire inside SnakePit® install within two feet of Curb Box.**
- 9. 3-Way wire Connections from main to Valve Box will be made with Snakebite" Direct Bury Connector with Moisture Displacement Silicone filled Cap for Corrosion Resistant Protection. Part #3WB-OI.**
- 10. If directional drilling or boring is required, only Copperhead" Extra High Strength (EHS), #1245B with 45 mil High Density Polyethylene (HDPE) jacket with minimum 1150# break load, will be used.**