TYPICAL INSTALLATION

1. Extend tracer wire up fire hydrant barrel to internal terminals of tracer wire station and back down. Refer to CR 5020.993 for details of fire hydrant assembly.

2. Clamp tracer wire to ground rod at system termination points.

Drill 5/8” Dia. Hole In Valve Box. (Do Not Saw). Coil 18”-24” Of Tracer Wire & Insert Inside Valve Box. Secure Tracer Wire To Outside Of Valve Box With Tape Or Zip Ties.

Attach Tracer Wire With Tape Or Zip Ties.

Run wire up valve box See Detail A

Tape wire at midpoint of each pipe length

Possible Splice

Fire Hydrant Valve

Ground Rod

New Water Main

Concrete Blocking

Existing Water Main

Detail A

Standard Valve Box

Cedar Rapids General Supplemental Specifications To SUDAS

TRACER SYSTEM