

Storm Drain Locating in Mesa, AZ

Project:
Storm Drain Locating in Mesa, AZ

Dates:
3-24-2008 to 3-25-2008

Location:
Higley & McKellips

Owner:
City of Mesa

Contractor:
ESI Contracting

Description:
ESI contracted with SSC to expose an existing storm drain that was identified using reliable as-builts and an electronic locating device, 19 ft. below the surface. An area 15 ft. x 40 ft. wide x 15 ft. deep was excavated with a trackhoe to allow the vacuum to excavate the last 4 ft. and safely expose the storm drain.

Challenges:
This was a challenging project for SSC as the buried storm drain was located so far from the Vacuum truck.

Method:
Vacuum Excavation

Results:
Vacuum excavation utilizes 95% air at a volume of 100+ PSI and 5% water to break up soil in record time. Using the powerful air-vacuum system allowed SSC to span the distance between the system and the excavation site and expose the utility as successfully as if it had been a routine potholing project.