

Where jacked pipe or bored conduit is required on a project, the Summary of Quantities should **not** include the pay item Trench Excavation. However, the plans should indicate that the pipe sleeve should be installed in accordance with VDOT Standard ECI-2 as noted in the [VDOT Road and Bridge Standards, Section 1300](#).

2.8.5.9 Pipe Sleeve

On new construction projects, where circuits must cross a proposed roadway, a Pipe Sleeve can be installed prior to laying the roadway. The intention of Pipe Sleeve is similar to Jacked Pipe or Bored Conduit, but considerably less expensive. The operation requires cutting a trench and laying the Pipe Sleeve before the roadway is constructed. The designer should size the Pipe Sleeve in the same manor as discussed under Jacked Pipe.

The current Specifications and Standards do not cover Pipe Sleeve. The designer must provide a modification of the VDOT Specification and add the item to the contract documents. Refer to the [TEDM Section 1 – General, Chapter 3, 3.8 - discussion of Special Provision Copied Notes](#)

Where Pipe Sleeve is required on a project, the Summary of Quantities should include (for example):

Trench Excavation ECI-1	Units: Linear Feet
6" Pipe Sleeve	Units: Linear Feet

2.8.5.10 Trenching

Installation of conduit in **non-paved** areas is covered under the pay item **Trench Excavation ECI-1**.