

**SECTION 02955****CONTINGENT EXCAVATION SUPPORT  
TIMBER SHEETING, STEEL SHEETING****02955.01 GENERAL****A. Description**

Contingent materials for excavation support shall be furnished, installed, and left in place only where and to the limits directed by the Engineer. The work shall include furnishing and installing timber or steel sheeting, timber bracing, and foundation lumber; driving the sheeting below the bottom of the trench or excavation when required or directed; and cutting off the sheeting left in place at least 12 inches below the finished grade in accordance with the Contract Documents.

**B. Related Work Included Elsewhere**

1. Trench Excavation, Backfill, and Compaction; Section 02250.
2. Structural Excavation, Backfill, and Compaction; Section 02220.
3. Channel or Stream Change Excavation; Section 02230
4. Selected Backfill; Section 02245

**C. Quality Assurance**

Quality assurance shall be as specified in Section 02400.01.

**D. Submittals**

Submittals shall be as specified in Section 02400.01.

**02955.02 MATERIALS****A. Materials Furnished by the County**

The County will not furnish any materials for excavation support.

**B. Contractor's Options**

None

**C. Detailed Material Requirements**

Detailed material requirements for excavation support shall be as specified in Section 02400.02.

**02955.03 EXECUTION**

Execution shall be as specified in Section 02400.03.

**02955.04 METHOD OF MEASUREMENT**

Measurement for contingent excavation support materials ordered left in place will be made of the amount of materials furnished and installed to the limits left in place by direction of the Engineer.

**A. Timber Sheeting**

Measurement for timber sheeting will be made based on the nominal dimensions of the timber and the actual length of sheeting left in the ground plus a cut-off allowance to 1 foot below the ground surface. The cut-off allowance shall not exceed 2 feet.

**B. Steel Sheeting**

Measurement for steel sheeting will be made based on the nominal thickness of the steel plate and the actual area of sheeting left in the ground plus a cut-off allowance to 1 foot below the ground surface. The cut-off allowance shall not exceed 2 feet.

**02955.05 BASIS OF PAYMENT**

**A. General**

1. Payment will be made at the bid or fixed prices stipulated in the Proposal. The payments will include and cover furnishing all labor, tools, equipment, and materials necessary to complete the work as directed and accepted by the Engineer in accordance with the Contract Documents.
2. Payment will be made only for excavation support materials that are ordered left in place by the Engineer. No payment will be made for excavation support materials left in place through default or negligence on the part of the Contractor.
3. Payment will include furnishing and placing all bracing and foundation lumber, and any extra excavation that may be required to install the excavation support.

**B. Timber Sheeting**

Payment for furnishing and installing timber sheeting for excavation support will be made per thousand board feet (MBF).

**C. Steel Sheeting**

Payment for furnishing and installing steel sheeting for excavation support will be made per square foot.

END OF SECTION