

704 - STEEL PILES

704.1 DESCRIPTION

This work shall consist of furnishing and driving of steel piles at the locations and to the elevations shown on the plans. Steel piles shall be furnished and driven in accordance with Sections 704 and 1609 of the Standard Specifications except as otherwise modified herein.

704.2 SUBSURFACE DATA

The geotechnical investigations were prepared for the guidance of the Contractor as to what soil and water conditions may be expected at the site. They are not guaranteed as representing all the conditions which may be encountered. Each bidder is cautioned that it is your responsibility to examine the boring logs and to determine if the information provided in the report is adequate for your method of construction. The Owner will not assume responsibility for variations in soil and water conditions at locations or times other than indicated.

704.3 CONSTRUCTION REQUIREMENTS

Pile cut-offs shall be made at the plan designated pile elevations shown on the plans with the following exception. In the event that an acceptable top of pile driven to design bearing value falls no more than 6 inches below the plan designated pile elevation, no pile splice will be required.

All pile cut-off material shall be the property of the contractor.

704.4 MEASUREMENT AND PAYMENT

The Engineer will measure completed steel piles of the specified size based on the plan length. If it is determined by the engineer that longer piles are required than those shown on the plans to achieve design bearing values, measurement will be made based on the total length of piling driven subject to payment adjustment for "Pile Splices".

The Engineer will measure pre-drilled pile holes by the linear foot. The length of pre-drilled pile hole to be included for measurement will be computed using the bottom of footing or abutment elevation as shown on the Plans and the bottom of pre-drilled hole elevation as determined in the field. If the Contractor's method of construction requires additional drilling, this additional drilling length shall be subsidiary.

The Engineer will measure cast steel pile points by each.

Payment for "Steel Piles", "Pre-Drilled Pile Holes", and "Cast Steel Pile Points" at the Contract unit prices bid is full compensation for the specified work.

Payment for each splice of "Steel Piles", not shown on the plans, shall be one times the Contract unit price per vertical foot. No separate payment shall be made for pile cut-offs as this shall be subsidiary to this item.