

## **CONSTRUCTION SURVEYING:**

### **Description**

*Construction Surveying* shall be performed in accordance with Section 801 of the *Standard Specifications* and shall include but not be limited to the layout of the stream channel, temporary and permanent easements, and all sensitive areas associated with the implementation of the design as indicated in the plans. The contractor shall maintain a level and rod onsite at all times for use by the Engineer to ensure adequate stream grades are achieved. This will not alleviate the contractor's responsibility to make certain that the stream is constructed in accordance with the project plans and provisions.

### **Construction Methods**

Stakeout of the stream channel in its entirety shall be performed in such a way that the Engineer can verify the layout of the stream channel prior to construction activities commencing. The Contractor shall mark the proposed location of the top of banks and centerline of the channel. At a minimum, ditch stakes shall be placed to indicate the head of riffle and max pool locations within the proposed channel. Differing front and back slopes shall be indicated on the stake. Stakes should be maintained until final inspection of the project. There will be no additional payment for re-staking.

Upon completion of the stakeout and prior to beginning construction, the contractor shall give the Engineer a 48-hour notice in order to approve the stream alignment.

### **Measurement and Payment**

*Construction Surveying* will be measured and paid for in accordance with Articles 801-3 and 801-4 of the *Standard Specifications*.

Payment for construction surveying will be made provided all construction layout, boundary surveying, and engineering necessary for the proper construction of the project has been completed in accordance with the project plans and special provisions. Any adjustments to the stream alignment shall be considered incidental to the lump sum price for *Construction Surveying*.