

625 FIELD LAYOUT

625.01 GENERAL

Work under this item consists of furnishing all lines, including baselines /control lines, grades and measurements as shown on the contract documents and as directed by the Chief Engineer. The Contractor shall perform all Engineering layouts from baselines and benchmarks indicated in the contract documents and shall be responsible for all measurements in connection therewith. The Contractor shall verify all dimensions and elevations shown in the contract documents before construction begins and shall be responsible for the accuracy of the finished work.

Layout for all projects shall be performed by competent surveyors under the direction of a Registered Professional Civil Engineer.

The Contractor shall furnish at his expense all stakes, nails, equipment, tools, materials and labor as may be required in laying out any part of the work from the bench marks and base lines as shown in the contract documents. The Contractor shall protect and preserve established benchmarks and control points and make no changes in location without the approval of the Chief Engineer. Benchmarks and control points lost or destroyed or which require relocation because of necessary changes in grades or alignment shall be replaced and accurately located at the Contractors expense.

The Contractor shall accurately record all field notes and data in appropriate field books for the Chief Engineer. The Chief Engineer shall be informed when measurements are to be taken for the purpose of determining excavation and fill quantities. At the end of the project, all notes and field books shall become the property of the District of Columbia Department of Transportation.

Work shall be performed only using approved lines and grades; operations outside approved areas will not be included for measure and payment.

Stakes or marks the Chief Engineer sets for guidance shall be preserved by the Contractor. If, in the opinion of the Chief Engineer, stakes are displaced, removed or lost due to Contractor's negligence, they will be replaced by the Contractor at his own expense.

625.02 MATCH EXISTING WORK

The Contractor shall assume full responsibility for successfully carrying out the complete construction and the fitting of all members.. Where proposed work is to be fitted to existing work, the Contractor shall be responsible for checking all dimensions and conditions in the field. If the parts do not fit properly, the Contractor shall inform the Chief Engineer immediately and upon receipt of approval, make alterations to the new parts necessary to assure proper fit and connection in accordance with instructions of the Chief Engineer, at no additional expense to the District.

Prior to preparing his bid, the Contractor shall visit the project and carefully examine the existing conditions and then include in his bid, costs for making measurements necessary or convenient for the proper completion of the work.

625.03 MEASUREMENT AND PAYMENT

The unit of measure will be the job. No direct measure will be taken for this work. Payment for Field Layout will be made at the contract lump sum price, which payment will include all labor, tools, materials, equipment and incidentals necessary to complete the work as specified.