

SECTION 107 - CONSTRUCTION STAKEOUT

107.01 DESCRIPTION

This work shall consist of furnishing, placing and maintaining construction layout stakes as specified in the Contract Documents or as directed by the M-NCPPC Construction Manager for the satisfactory completion of this project.

107.02 REFERENCE STANDARDS

Not applicable

107.03 DEFINITIONS

Not applicable.

107.04 MATERIALS

Not applicable.

107.05 SUBMITTALS

Submit all equipment and materials to be used to delineate the limits of disturbance (LOD) and construction stakeout.

107.06 QUALITY ASSURANCE

Not applicable.

107.07 CONSTRUCTION

- A. The Commission will supply the Contractor the digital AutoCAD files. The Contractor shall accurately stakeout all proposed facilities, LOD, and grading. The Contractor is responsible for all layout work and stakeout work as necessary (including re-staking as needed) to ensure proper locations and grading as shown on the plans.
- B. Prior to any disturbance, all stakeouts must be reviewed by the M-NCPPC Construction Manager. Construction manager review shall not be construed as approval. The final approval will be determined by all required regulatory agencies approve the LOD. Only at that time, can the protective measures be installed.
- D. The Contractor shall use licensed personnel and state of the art equipment for all engineering work required to set and maintain the elevations and dimensions as specified in the Contract Documents.

- E. The Contractor shall provide approved equipment to check the grades as directed by the M-NCCPC Construction Manager.
- F. **Utilities:** The contractor must contact Miss Utility to locate all existing off-site utilities. The contractor is responsible for the location of the on-site underground utilities that are not located by Miss Utility. It is the contractor's responsibility to furnish written proof to the M-NCPPC Construction Manager that all utilities have been cleared for both off-site and on-site utilities. This proof may be a copy of the Miss Utility fax-back or a copy of the Miss utility online record for off-site and written confirmation from the contractor for the location of on-site utilities. Excavation may proceed only when both Miss Utility and the Construction Manager agree that all utilities have been located. Test pitting of utilities will be the responsibility of contractor and will be incidental to the work.
- G. **Stream Restoration:** In addition to what is described above, stream restoration stakeout shall include the apex or crest ("X") and tie-in ("Y") for each stream structure, as well as downstream tail or tie-in ("Z") as applicable. The initial stakeout will then be adjusted for stream conditions at the time of construction in coordination with the M-NCPPC Construction Manager prior to structure installation.

107.08 MEASUREMENT AND PAYMENT

Construction stakeout will not be measured but will be paid for at the Contract - lump sum price. The payment will be full compensation for furnishing, placing and maintaining construction layout stakes, flagging of clearing limits and wetlands, and for all material, labor, equipment, tools, and incidentals necessary to complete the work including removal at the completion of the project. Payment of the Contract lump sum price will be prorated and paid in equal amounts on each monthly estimate. The number of months used for prorating will be the number estimated to complete the work. If construction stakeout is not listed in the bid items, it shall be considered incidental to the overall contract.