

SECTION 01050- FIELD ENGINEERING**1. GENERAL**

This section is in addition to the County standards and specifications.

1.1_ DESCRIPTION

1.1.1 Work included: Provide, at the Contractor's expense, such field engineering services as are required for proper completion of the Work, but not necessarily limited to the following:

- A. The Contractor shall have property lines located and marked and corners set by a certified land surveyor.
- B. The Contractor shall be responsible for stake outs and elevation checks required for construction. All such work shall be performed by a professional land surveyor. The Surveyor shall verify the adequacy of bench marks before starting construction.
- C. Before the start of construction, the Contractor shall have professional land surveyor locate proposed utility structures. If there area any discrepancies between the actual layout and the project site plan, they shall be brought to the attention of the Owner and resolved before work proceeds.

1.1.2 Related Work:

- A. Documents affecting work in this Section include, but are not limited to, all Sections of this Project Manual.

1.2 QUALITY ASSURANCE

1.2.1 The contractor shall use adequate numbers of skilled workmen who are thoroughly trained and experienced in the necessary crafts, and who are completely familiar with the specified requirements and methods needed for proper performance of the work in this Section

1.3 PROCEDURES

1.3.1 In addition to procedures directed at the Contractor for proper performance of the Contractor's responsibilities:

- A. The contractor shall locate and protect control points before starting the Work on site. The contractor shall not change or relocate reference points during process of the Work without specific approval of the Owner.
- B. The contractor shall promptly advise the Owner when a reference point is lost or destroyed, or requires relocation because of other changes in the Work.
 - 1. Contractor shall have 21 days to complete punch list items. Unless waived by the Owner, punch list items not complete after 21 days will result in an automatic default.

END OF SECTION 01050