

PART 1 - GENERAL

- 1.1 Related Sections .1 Section 01 77 00 - Closeout Procedures.
- 1.2 Precedence .1 For Federal Government projects, Division 1 Sections take precedence over technical specification sections in other Divisions of this Project Manual.
- 1.3 References .1 Owner's identification of existing survey control points and property limits.
- 1.4 Survey Reference Points .1 Locate, confirm and protect control points prior to starting site work. Preserve permanent reference points during construction.
- .2 Make no changes or relocations without prior written notice to Departmental Representative.
- .3 Report to Departmental Representative when reference point is lost or destroyed, or requires relocation because of necessary changes in grades or locations.
- .4 Require surveyor to replace control points in accordance with original survey control.
- 1.5 Survey Requirements .1 Establish permanent bench marks on site, as required, referenced to established bench marks by survey control points. Record locations, with horizontal and vertical data in Project Record Documents.
- .2 Establish lines and levels, locate and lay out, by instrumentation.
- .3 Establish pipe invert elevations and location of any exposed pipe.
- .4 Provide coordinates, elevations and dimensions in the field, as required by the Departmental Representative.
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- 1.6 Records .1 Maintain a complete, accurate log of control and survey work as it progresses.
- .2 On completion of site works, prepare a certified survey showing dimensions, locations, angles and elevations of Work.
- 1.7 Submittals .1 On request of Departmental Representative, submit documentation to verify accuracy of field engineering work.