

Localizer Beam

Abilene, Texas

1.01 WORK INCLUDED:

A. These specifications, along with the accompanying drawings, describe the requirements for the following:

- Demolish and remove the existing Localizer (LOC) Antenna Array Runway 35R including steel support platform and foundation/piers at Abilene Regional Airport.
- Construct new Instrument Landing System (ILS) Localizer Antenna Array Facility for Runway 35R.
- Installation of Government Furnished Equipment/Materials including LOC antenna array system, mounting of all antenna elements and conduit/cable raceway/distribution unit.
- Install/improve associated aggregate plots/parking areas (new antenna array and existing shelter) and access roads including required fill, grading and drainage.
- Concrete foundation as indicated on drawings.
- Electric power and control services including testing and terminations.
- Underground ducts (with concrete encasement where required), and handholes for electrical power and control/monitor cables to new LOC antenna.
- Grounding and Lightning Protection installation and improvements.
- Survey, layout and installation of new LOC antenna ground check points.
- Restoration of affected areas by backfilling/compaction and reseeding to match surrounding areas.

