

Services to the Natural Gas Industry

THA Engineering Solutions provides a variety of engineering design and drafting services for the full range of natural gas facilities including pipeline, compression and measurement. THA Engineering will utilize both in-house personnel as well as outside resources as special needs arise.

Hydrographic and Field Surveying

In addition to traditional field surveying services, THA Engineering Solutions provides hydrographic surveying for route selection, inspection of pipeline crossings, exposure risk/remediation, and as-built plan and profile of pipeline crossings for depth of cover and/or extent of exposure.

Pipeline Layout and Design

THA Engineering Solutions provides the engineering and drafting required to take a pipeline project from conception through FERC filing. This includes initial field scouting, route selection and layout, alignment sheets, road/railroad-crossing, permitting, pipeline, block valve, pig trap, and measurement facility design. We can also provide required exhibits for the FERC filing.



Technical Writing & Publishing

THA provides formatting, editing, and publishing services for a number of different types of documents, including manuals for engineering design and construction, O&M or Policy and Procedures. THA also provides topic specific documentation support for Special Permits and DOT regulatory reporting.



Construction Management

THA Engineering Solutions provides construction management services for all types of natural gas installations including project management, on-site inspection and on-site “as-built” documentation.

- ❑ General oversight of construction
 - to be the eyes and ears for the Owner
- ❑ Improved communications with Contractor to keep project on-time / under-budget
- ❑ Be Owner’s on-site rep to facilitate timely decision making to avoid “decision delays”
- ❑ Assess Requests for Payment/Change Orders

Facilities Planning and Design

There’s an old saying, “to be successful, you must begin with the end in mind.” – very true when planning and designing facilities like compressor stations, measurement runs, or other facilities integral to efficiently moving natural gas.

As-Built Drafting

THA Engineering Solutions provides “as-built” documentation support for any type of project, including documentation on-site during construction or post-construction.

Integrity Management

THA Engineering Solutions provides:

- ❑ *MAOP Determination Studies*
- ❑ *Risk Assessment Investigations*
- ❑ *Judicial Determination*
- ❑ *Integrity Management / HCA’s*
- ❑ *Special Permits Support*

