

MAGELLAN HOUSTON TO HEARNE PIPELINE CONSTRUCTION PROJECT

A large pipeline construction project is typically broken down into manageable sections referred to as "spreads." Each spread is managed by a highly qualified, specialized construction company who in turn may utilize a number of subcontractors. The entire pipeline construction process is overseen by qualified, independent inspectors.



Pre-Construction Activity

Once the pipeline route has been finalized but before construction begins, the right of way (ROW) and temporary work area are surveyed and staked. Environmental, cultural and wildlife evaluations are also conducted. Utilities and water bodies, well and and dealings are water and property. wetlands and drainage areas are marked to prevent accidental damage during construction.



3 Trenching





Welding and Coating







Lowering the Pipe

The assembled pipe is lowered into the trench by special cranes called sidebooms. Sand bags, foam blocks or other padding, if required, are placed in the trench to protect the pipe and coating from damage. The excavated soil is returned to the trench in reverse order – the subsoil is replaced first followed by the topsoil. No foreign materials are allowed in the trench.







Restoration

The ROW corridor will be restored to as close as possible to its original condition. Restoration may include the removal of large rocks, regrading the land, planting grass seed, repairing fences, etc.



