

**4415.0135 RIGHT-OF-WAY PREPARATION PROCEDURES AND CONSTRUCTION
ACTIVITY SEQUENCE**

Each applicant shall provide a description of the general right-of-way preparation procedures and construction activity sequence anticipated for the proposed pipeline and related facilities.

First, the right-of-way is surveyed, staked, and prepared for clearing. The right-of-way is then cleared and graded to the extent needed to provide construction access and safe movement of equipment and personnel during construction. Appropriate safety measures are implemented before excavation begins, including notification of the One-Call system to ensure foreign utilities are properly marked, and marking of the adjacent pipelines. Pipe, valves, and fittings are transported to the right-of-way by truck and placed along the right-of-way by side boom tractors or mobile cranes.

After individual pipe sections are strung along the right-of-way, they are bent to conform to the contours of the trench and terrain. The pipe is then lined up, welded, field coated, and inspected. Trenching may occur before or after the pipe has been welded. Trenching is typically conducted using a backhoe or crawler-mounted, wheel-type trenching machine. Where appropriate, topsoil is segregated. Prepared pipe is lowered into the trench and, where applicable, tied into existing facilities. During backfilling, first the subsoil, then the topsoil is replaced. Precautions, such as padding, are taken during backfilling to protect the pipe from rock damage. Prior to the line being filled with petroleum and placed into service, the pipeline is hydrostatically tested to ensure its integrity. Following installation and testing, the right-of-way is cleaned up and restored as nearly as practicable to preconstruction conditions. Restoration includes implementing temporary and permanent stabilization measures such as slope breakers, mulching and seeding.

Section 1.3 of the Environmental Assessment Supplement provides a description of construction activities along with a diagram depicting typical construction sequence.