



ARNGP PROJECT DIRECTIVE

Date: 8/31/2015

Subject: Backfill Compaction in Typical Cross-Country Areas

Directive Number: 2015 – 006

In 3.5(D)(1) – Bedding and Backfilling of Section 312333 – Trenching, Pipe Laying, and Backfilling of the Technical Specifications, it states that the pipe trench in typical cross-country areas shall be thoroughly compacted by mechanical means to avoid any future trench settlement. In these cross-country areas, the trench can be compacted by mechanical means using an excavator bucket.

Compaction shall occur when there is at least 12” of sand padding and 12” of general backfill above the pipe and at a maximum of 24” lifts thereafter. Final compaction at grade can be completed using either an excavator bucket or the tracks of a piece of excavating equipment.

The use of an excavator for mechanical means of compaction in cross-country areas is typical in transmission line construction.

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