



Figure Vol. 2-11 Typical two-pole H-frame structures



Figure Vol. 2-12 Typical single-pole double circuit structures



Figure Vol. 2-13 Tree processor used for clearing – capable of cutting a standing tree, de-limbing it, and sawing it into logs



Figure Vol. 2-14 Hand-clearing along a flood channel



Figure Vol. 2-15 Chipping slash on upland ROW



Figure Vol. 2-16 Timber piled on edge of ROW



Figure Vol. 2-17 Augering a foundation excavation in dry upland soils



Figure Vol. 2-18 Structure location in wetland – matted work platform, foundation, spoil pile (to be removed), and erosion control



Figure Vol. 2-19 Augering in unconsolidated material (i.e gravel) – flooding of the excavation is necessary to prevent the sides from collapsing



Figure Vol. 2-20 Prepared blast location – topsoil stripped and stockpiled off to side prior to blast and blasting mats in place



Figure Vol. 2-21 Blasting mats and post-blast soil/rubble pile



Figure Vol. 2-22 Augering rocky subsoils



Figure Vol. 2-23 Placing foundation cage inside the excavated hole



Figure Vol. 2-24 Final rebar work in preparation for concrete pour



Figure Vol. 2-25 Pouring the concrete foundation



Figure Vol. 2-26 Completed foundation after initial cleanup



Figure Vol. 2-27 Upland ROW seeded with oats and rye grass for quick soil stabilization while native vegetation re-establishes

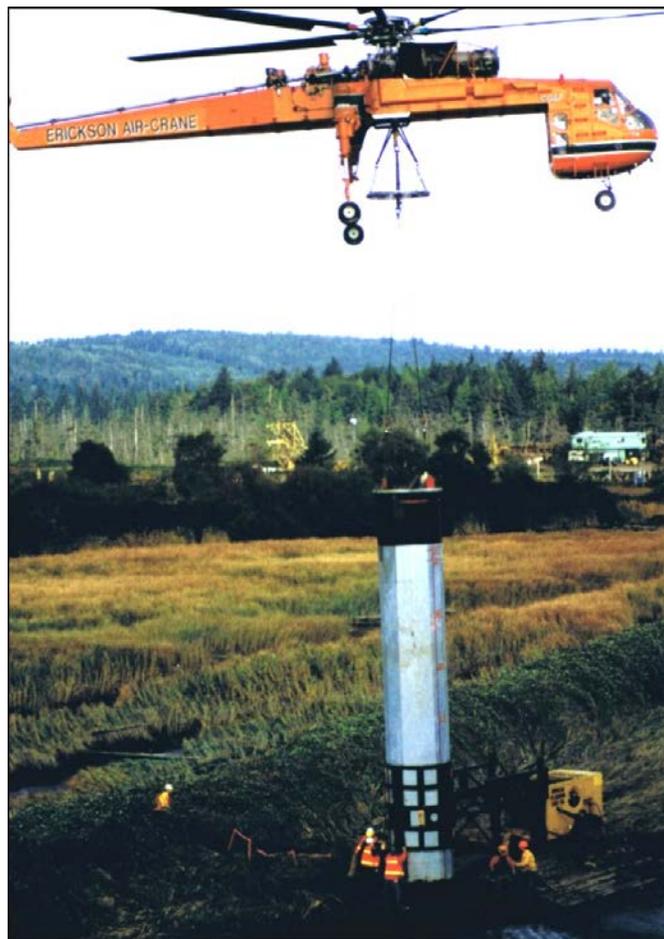


Figure Vol. 2-28 Helicopter-based vibratory caisson and hammer unit



Figure Vol. 2-29 Installation of a helical pier foundation in a wetland with a marsh buggy



Figure Vol. 2-30 Installing the top section of the tower



Figure Vol. 2-31 Bolting tower to concrete foundation



Figure Vol. 2-32 Helicopter setting tower on foundation



Figure Vol. 2-33 Pulling cable through structure arms



Figure Vol. 2-34 Wire stringing with a helicopter



Figure Vol. 2-35 Minor soil rutting in pasture land



Figure Vol. 2-36 Rutting of topsoil in cropland – no soil mixing



Figure Vol. 2-37 Ruts being smoothed with blade

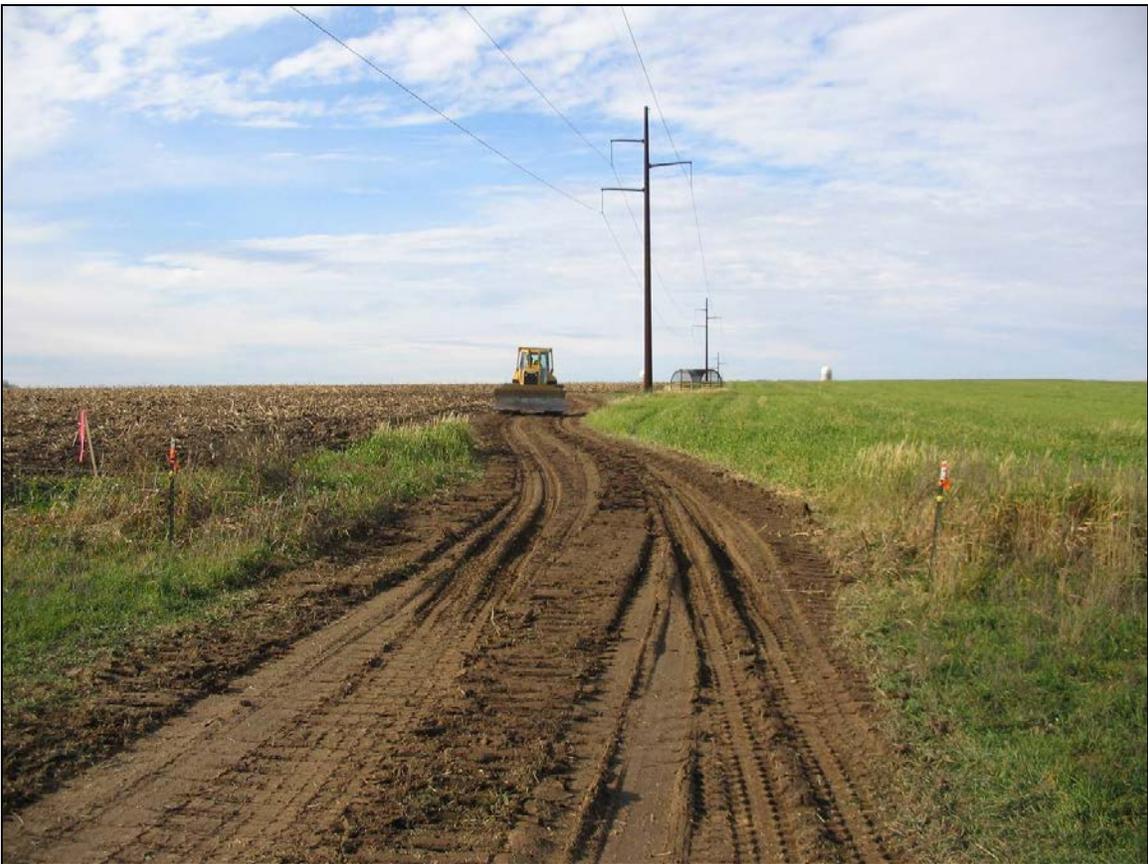


Figure Vol. 2-38 Smoothing out ruts by backblading with a dozer



Figure Vol. 2-39 Turtle exclusion fence

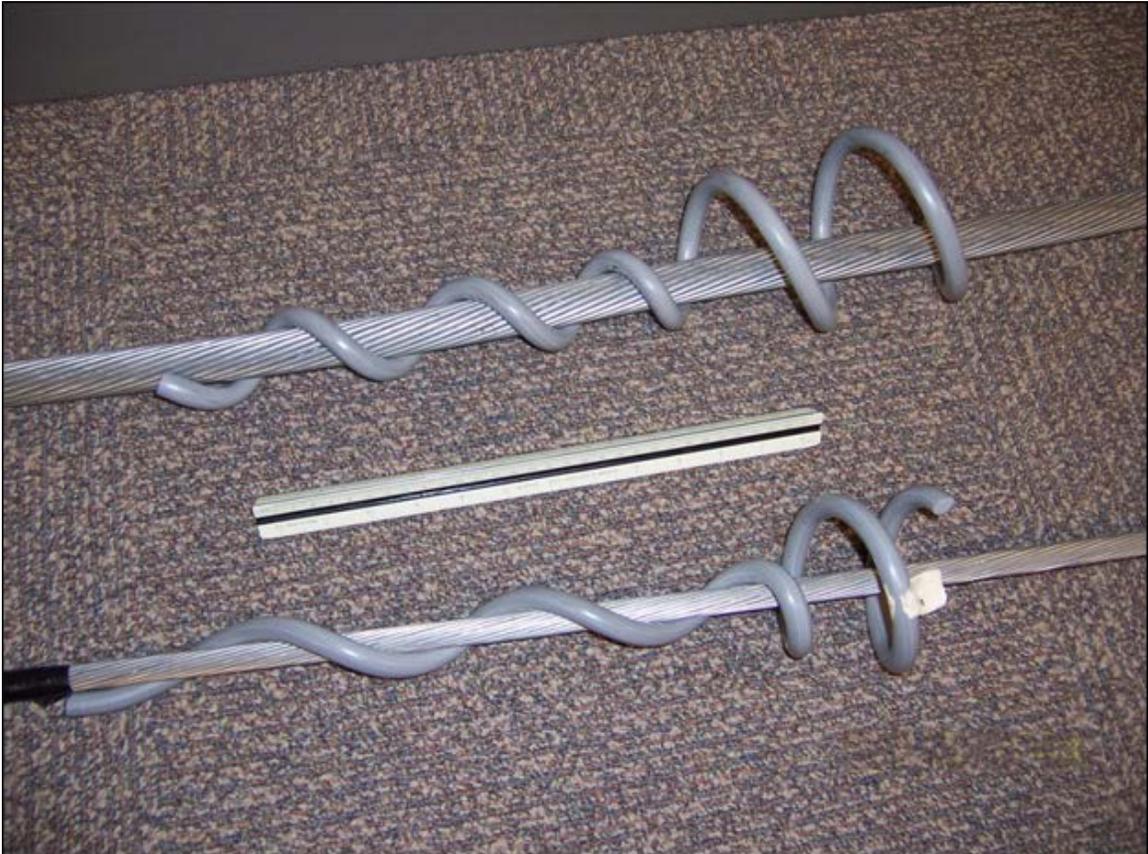


Figure Vol. 2-40 Close-up of bird flight diverters that can be placed on conductors or shield wires of a transmission line



Figure Vol. 2-41 Timber mat equipment bridge at stream crossing



Figure Vol. 2-42 Mats in wet meadow



Figure Vol. 2-43 Timber mats being placed in wooded wetland