PSC REF#:223912

Public Service Commission of Wisconsin
RECEIVED: 11/04/14, 2:08:30 PM

Figure Vol. 2-8 Typical two-pole H-frame structures (Image is for illustration purposes only and are not the actual structures proposed for the Badger-Coulee project.)

Figure Vol. 2-9 Typical single-pole double circuit structures (Image is for illustration purposes only and are not the actual structures proposed for the Badger-Coulee project.)

Figure Vol. 2-10 Tree processor used for clearing – capable of cutting a standing tree, de-limbing it, and sawing it into logs

Figure Vol. 2-11 Hand-clearing along a flood channel

Figure Vol. 2-12 Chipping slash on upland ROW

Figure Vol. 2-13 Timber piled on edge of ROW

Figure Vol. 2-14 Augering a foundation excavation in dry upland soils

Figure Vol. 2-15 Structure location in wetland – matted work platform, foundation, spoil pile (to be removed), and erosion control

Figure Vol. 2-16 Augering in unconsolidated material (i.e gravel) – flooding of the excavation is necessary to prevent the sides from collapsing

Figure Vol. 2-17 Prepared blast location – topsoil stripped and stockpiled off to side prior to blast and blasting mats in place

Figure Vol. 2-18 Blasting mats and post-blast soil/rubble pile

Figure Vol. 2-19 Augering rocky subsoils

Figure Vol. 2-20 Placing foundation cage inside the excavated hole

Figure Vol. 2-21 Final rebar work in preparation for concrete pour

Figure Vol. 2-22 Pouring the concrete foundation

Figure Vol. 2-23 Completed foundation after initial cleanup

Figure Vol. 2-24 Upland ROW seeded with oats and rye grass for quick soil stabilization while native vegetation re-establishes

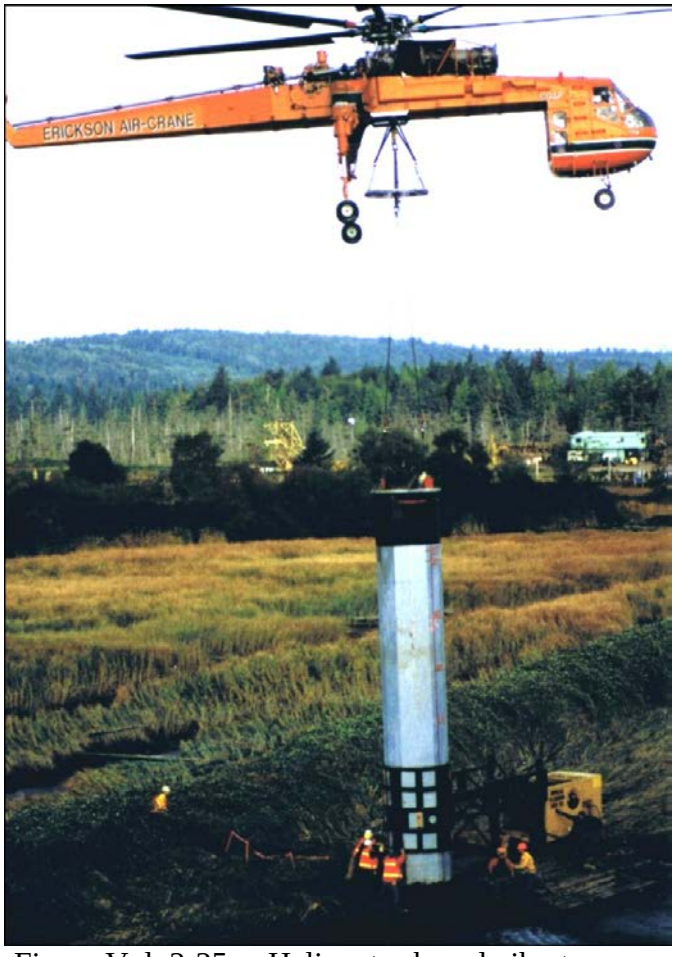

Figure Vol. 2-25 Helicopter-based vibratory caisson and hammer unit

Figure Vol. 2-26 Installation of a helical pier foundation in a wetland with a marsh buggy

Figure Vol. 2-27 Installing the top section of the tower

Figure Vol. 2-28 Bolting tower to concrete foundation

Figure Vol. 2-29 Helicopter setting tower on foundation

Figure Vol. 2-30 Pulling cable through structure arms

Figure Vol. 2-31 Wire stringing with a helicopter

Figure Vol. 2-32 Minor soil rutting in pasture land

Figure Vol. 2-33 Rutting of topsoil in cropland – no soil mixing

Figure Vol. 2-34 Ruts being smoothed with blade

Figure Vol. 2-35 Smoothing out ruts by backblading with a dozer

Figure Vol. 2-36 Turtle exclusion fence

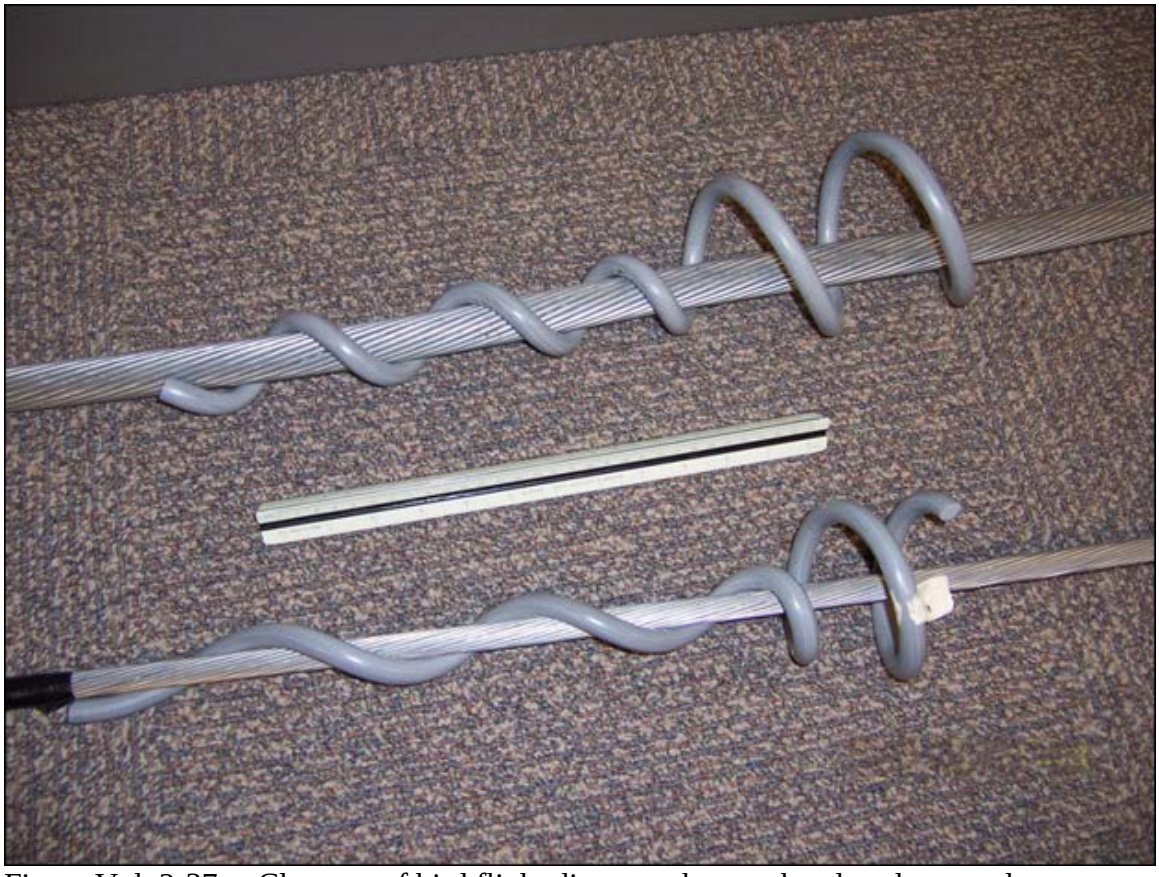

Figure Vol. 2-37 Close-up of bird flight diverters that can be placed on conductors or shield wires of a transmission line

Figure Vol. 2-38 Timber mat equipment bridge at stream crossing

Figure Vol. 2-39 Mats in wet meadow

Figure Vol. 2-40 Timber mats being placed in wooded wetland