

**CRUISING/MARKING PRESCRIPTION**  
**Newberry Management Unit**  
**Compartment 47 Stands 52,54**  
**Luce County**  
**T48N R8W Section 5 – SWNW, W1/2SW**

**TASKS:** Cruise stands 52 and 54 to be final harvested. Mark cutting boundaries and determine stand acreage. Map boundary line placement using GPS. The total approximate size of stands 52 and 54 is 42 acres with an estimated perimeter of boundary line being 30 chains blue line and 150 chains red line. Private property line work for stand 52 will be against established property line (painted with orange) and stand 54 will need to be established by running line between known DNR corners. All work is to be completed by August 15, 2003.

**ACCESS INFORMATION:** The stands are along Co Rd 500, which is a good year-round access road (see inventory map).

**STAND DESCRIPTION:** Stand 52 (approx. 11 acres) consists mainly of maple, beech, aspen, hemlock, spruce and balsam fir, although white pine, red pine, yellow birch and paper birch are present. Stand 54 (approx. 31 acres) consists mainly of large, overmature aspen with some maple, paper birch, beech, and mixed conifer species. The understory in both stands consists mostly of mixed hardwood and balsam fir and is generally thick in most places. Stands are best worked during leaf-off conditions, as regeneration is quite dense.

**TREATMENT OBJECTIVES:** Stands will be final harvested to encourage the regeneration of aspen primarily. Retain species components such as white pine, red pine, hemlock, cedar and yellow birch for aesthetics, diversity and seed sources.

**BOUNDARY LINE PRESCRIPTION:**

1. Establish and map boundary line (red,blue paint) placement using a GPS. Co Rd 500 will be used as a portion of stand boundary and will not need to be painted.
2. Determine stand acreage.

**CRUISING/MARKING PRESCRIPTION (stands 52 & 54):**

1. Mark 1-2 leave trees/acre, including large diameter beech and red maple. Mark with green paint, placing paint around the entire circumference, and also on the stump. These trees are being left for wildlife.
2. Cruise all paper birch, aspen, red / sugar maple, beech, balsam fir and spruce.
3. All white pine, red pine, hemlock, cedar and yellow birch is to be left as residual and does not need to be cruised.
4. Mark the exact plot center placing a stick in the ground and flagging it with ribbon. Mark the ribbon with the corresponding plot number.

**Volume Determination:**

1. Cruise all pulpwood-sized paper birch, aspen, red / sugar maple, beech, spruce and balsam fir down to 4" D.I.B.

2. Cruise any sawlog quality paper birch, maple, beech and spruce that may exist to 10" D.I.B.
3. Cruise with a 10 basal area factor prism.
4. Cruise stand at one plot per acre with point spacing to be determined after the boundary line work is complete.

A meeting will be held between the contract administrator and the contractor before work begins to cover questions and other specifics. Contact administrators at the Newberry Field Office are:

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