

***PROPER PROCEDURES, METHODS AND TYPES OF
BOUNDARY LINE MARKING
BY LEON MALLOW, PS***

1) REVIEW OF EXISTING AND PREVIOUS MARKED LINE

- a) CONSISTENCY OF MARKS
- b) OFFSET DISTANCE OF SIDE LINE TREES
- c) SPACING OF SIDE LINE HACKS, MINIMUM 6" TO 8"
- d) CENTER LINE TREES
- e) DEMONSTRATION OF DETERMINING APPROXIMATE AGE OF HACK MARKS WITH INCREMENT BORER.

2) TYPICAL TYPES OF LINE MARKS

- a) MARKED LINE BY HACKS
 - 1) SIDE LINE TREES WITH 2-HACKS
 - 2) CENTERLINE TREES 2-HACKS WHERE LINE ENTERS AND LEAVES TREE
 - 3) CORNER TREES AND WITNESS TREES WITH 3-HACKS
 - a) HACKS ON CORNER TREES WHERE LINE ENTERS AND OTHER LINE LEAVES TREE
 - b) WITNESS HACKS DIRECTLY FACING CORNER
- b) MARKED LINE WITH BLAZES
 - 1) SIDE LINE TREES WITH SINGLE BLAZE
 - 2) CENTERLINE TREES WITH BLAZE WHERE LINE ENTERS AND LEAVES
 - 3) CORNER TREES WITH 3-HACKS AND WITNESS TREES WITH SINGLE BLAZE
- c) MARKED LINE BY FOREST SERVICE METHOD
 - 1) PRIVATE SIDE LINE TREES BY SINGLE BLAZE WITH HACK ABOVE AND BELOW
 - 2) GOVERNMENT SIDE LINE TREES BY QUARTER BLAZES WITH HACK ABOVE AND BELOW
 - 3) CORNER TREES WITH 3-HACKS AND BLAZE AND SCRIBE AT BASE
 - 4) WITNESS TREES WITH SINGLE BLAZE AT BREAST HEIGHT AND BLAZE AND SCRIBE AT BASE FACING CORNER

NOTE: ALL THREE METHODS USE THREE HACK MARKS FOR CORNER TREES.

3) DEMONSTRATION OF MAKING HACKS AND BLAZES

- a) DETERMINING STRAIGHT LINE BY RANDOM OFFSETS FROM EXISTING TRAVERSE STATIONS
 - b) PROPER SHARP HAND AXE FOR MAKING CUTS
 - 1) GOOD CHOICES, RAILSPLITTER AXE WITH 2 ¼ LB HEAD AND 19" BENT HANDLE FROM BEN MEADOWS OR CAMP AXE (WOOD HANDLE) FROM FORESTRY SUPPLIERS
 - c) DEPTH OF CUT ONLY THROUGH THE BARK OR CAMBIUM LAYER
 - 1) CAUTION ON SMALL AND SOFT WOOD TREES
 - 2) CAUTION ON HIGH SAP TREES SUCH AS BIRCH AND MAPLE IN THE SPRING
 - d) CUT SO AS NOT TO ALLOW WATER TO COLLECT IN HACK, THUS PROMOTING ROT AND INSECTS
 - e) RECOMMENDED TYPE OF PAINT FOR MARKED LINE.
 - 1) PROFESSIONAL INDUSTRIAL MAINTENANCE ENAMEL
 - a) I USE VALSPAR AVAILABLE AT LIGGETS SUPPLY IN MILL CREEK, WV
- 4) DEMONSTRATION OF MARKING A SAMPLE WITNESS OR CORNER TREE.
- 5) DEMONSTRATION OF PROCEDURE TO SET A CORNER WITH A CAP IN BED ROCK OR IN LARGE ROCKS USED FOR CORNERS.
- 6) QUESTIONS AND IF TIME ALLOWS, DEMONSTRATION OF SCRIBING.