

**Timber Sale Preparation Prescription
General**

Date: 08/12/2002

Forest Management Unit: Baraga

Timber Sale Number: **11-010-03-01** Sale Name: **Bailey Road Fir**

Local Contact: Don Mankee Tx (906) 353-6651 FAX : (906) 353-7464

email: mankeed@michigan.gov

Map of Project Area Attached

Legal Description:

T47N R33W Section(s) 6; 48-33-31 Description Sec 6, N/2, W/2SW; Sec 31, S/2

Year of Entry: 2003 Compartment(s):25 Stand Number(s): 15, 16, 20, 109, 112

This timber sale preparation contract is based on the following acreage:

Estimated Acres: 257 source OI GPS Other

Payment will be made on the basis of these estimated acres.

Treatment & Objectives:

Stand nbr	Cover Type	Acres	BA / Acre	Treatment	Management Objective
15	F6	26	70	Clearcut	Spruce fir
16	M6	28	130	Selection	Northern hardwood
20	F6	170	100	Clearcut	Spruce fir
109	M6	24	120	Selection	Northern hardwood
112	F6	9	70	Clearcut	Spruce fir

Prescription:

1. Stands 16 and 109, mark trees to be cut. Favor the best future crop tree in place, regardless of species. Mark merchantable aspen and balsam fir. Leave den and nest trees. Favor cull trees for wildlife (especially along type edges). The objective is to grow trees to 22 inch DBH.
2. Mark access road for sale.
3. Cruise spruce fir stands.
- 4.

Access: From US-141, on road through private land.

DNR preparation work to be done prior to contract work:

Estimated date:

DNR will establish corners	March 03

Contract work can begin:

Immediately

Date:

Contract work must be completed by: Date **07/01/03**

Line work and GPS work must be completed by: Date **04/01/03**

Paint Line Work

- This is bid item
 This is not a bid item

Paint line work to be performed. See attached map for locations.

Type of line	Work to be done	Not applicable	Paint color
Private boundary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Blue Other:
Sale boundary	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Red Other:
Sale cutting unit	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Yellow Other: Red
Stand type line	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Other:
Trees marked to leave	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/> Green Other:
Trees marked to cut	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Orange Other:

Exclusions to mark and why: None
Standards for marking lines against private land: Run between corners

Area calculation:

Unit	Method	Standard
Sale	GPS	2 meters
Payment unit	GPS	2 meters
Stand		

Special Instruction: A GPS file of all lines in the sale must be generated and provided to DNR. DNR must approve all GPS units. Contractor must furnish GPS units. Contractor must provide units. Sale must be divided into logical payment units of 40 to 50 acres each. (DNR must approve). All lines must also be flagged, DNR provides flagging.

Timber Cruising Specifications

- This is a bid item
 This is not a bid item
Required Basal Area Factor: 10 20 Other:

Cruise Line Direction:

Cruising Units	Number of plots per acre	Spacing (chains)
	0.50	4 X 5
		X
		X
		X
Total Number of Cruise Points	100	

Cruise Special Instructions:

Unless otherwise specified, the tally sheets use must be those supplied by the Management Unit.

Timber Marking Specifications

- This a bid item
 This is not a bid item
 Precise specifications to be delineated at pre-work meeting with DNR staff.

Total Residual BA (Basal Area): 80[Minimum 70 to Maximum 90]

Treatment	Number	Size
Regeneration gaps per acre	1	1/5 acre
Girdled Trees per acre	0	

	Marking symbol	Minimum DBH	Top DIB
Sawlogs	slash, dots	10	8
Sawbolts			
Pulpwood	slash	6	4

Tally intensities
Species / product

Ratio:

Sawlogs	1 : 1
Aspen	1 : 10
Softwood pulp	1 : 10
Hardwood pulp	1 : 20

Species to favor: Best crop tree in place.
Species to reduce:None.

Special Marking Instructions

Stump marks must be a vertical slash extending to the ground. Cut marks shall be at least six feet above the ground and marked on both sides of the tree. Mark dots for each 8 foot sawlog product.

Unless otherwise specified, the tally sheets used must be those provided by the Management Unit.

Restrictions: We wish to be able to identify who did what on our sales. You may not have more than two markers in one payment unit without approval. Each marker should have an assigned area to mark (not strips).

Paint: Call Don Mankee to make arrangements for all paint pick up. Paint will be supplied from (location) Baraga. Contractors work schedule must coincide with the DNR work schedule for paint supply. The DNR will not be available on weekends or evenings.

Deliverables:

1. A list of who marked (cruised) each payment unit (names)
 2. A summary of paint used (in quarts)
 3. Tally summaries for each payment unit, (one summary regardless of the number of markers) and all of the original tally sheets.
 4. GPS files for any GPS work done.
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