



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7267**

**SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on October 17, 2023.**

**LOCATION: TRAVERSE CITY MGMT UNIT, 2122 M 37 SOUTH, TRAVERSE CITY, MI 49685.**

**CONTACT NAME: Patrick Cotant**

**PHONE NUMBER: (231) 649-0544**

**PROSPECTUS NOTE:** Effective immediately: all bid openings for the Traverse City Management Unit (Kalkaska Field Office and Traverse City Field Office) will be held at the Traverse City Field Office regardless of sale location within the unit. All payments will now be handled through the Traverse City Field Office. The Kalkaska Field Office will no longer accept payments or hard paper copies of timber sale bids. Payments for all contracts, use permits, bonds, etc. should be sent to the Traverse City Field Office.

The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, TRAVERSE CITY MANAGEMENT UNIT, for certain timber on the following described lands:

Big Foot Aspen (61-111-23) / T25N, R07W, SEC. 36, NENW,S1/2NW,W1/2NE.

Kalkaska County, Advertised Price \$74,007.70, 52.7 Acres, Aspen, White Pine.

**SALE NOTE:** Spec. 5.2.3.5 - Oak wilt restriction is applied to entire sale area.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

# TIMBER SALE INFORMATION

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T25N, R07W, SEC. 36.

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A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

<u>PRODUCTS &amp; SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Paper Birch	1.7 MBF	\$ 52.00 / MBF
Red Maple	51.6 MBF	\$ 159.00 / MBF
Red Oak	63.3 MBF	\$ 120.00 / MBF
Red Pine	28.5 MBF	\$ 145.00 / MBF
White Pine	78.8 MBF	\$ 86.00 / MBF
Pulpwood		
B. T. Aspen	1,266 Cords	\$ 23.60 / Cord
Balsam Fir	26 Cords	\$ 33.75 / Cord
Paper Birch	2 Cords	\$ 18.95 / Cord
Red Maple	242 Cords	\$ 33.05 / Cord
Red Oak	93 Cords	\$ 30.35 / Cord
Red Pine	5 Cords	\$ 61.55 / Cord
White Pine	193 Cords	\$ 27.40 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 11.95 percent. There are an estimated 2,437 cords on this timber sale, plus or minus 291 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

## **BOND AND PAYMENT SCHEDULE:**

1. A bond in the amount of \$3,700.39 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
3. Total payment must be paid in advance or according to the following schedule :
  - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
  - (b) The 10% down payment will be credited towards the first unit cut.
  - (c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	9.5%
02	43.8%
03	46.7%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 04/15/2026.

## **SALE STATISTICS**

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

## SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME			STATISTICAL RANGE IN CORDS	
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
192,501	2,437	11.95%	2,145	2,728

## VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
37	17,388	220	63.95%	79	361
47	175,114	2,217	11.92%	1,952	2,481
<b>TOTAL:</b>	<b>192,501</b>	<b>2,437</b>		<b>2,032</b>	<b>2,842</b>

## VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
37	6.4	1	6.4
47	46.3	2	22.4
		3	23.9
<b>TOTAL:</b>	<b>52.7</b>		<b>52.7</b>

**DESCRIPTION OF TIMBER BY PU (PU)**

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Paper Birch	Sawtimber	1.7	MBF	6.4	\$7,002.40			
	Red Maple		5.8	MBF					
	Red Oak		3.4	MBF					
	Red Pine		8.1	MBF					
	White Pine		12.4	MBF					
	B. T. Aspen	Pulpwood	89	Cords					
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	<i>10.1</i>	<i>MBF</i>					
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	<i>69</i>	<i>Cords</i>					
	Paper Birch		2	Cords					
	Red Maple		9	Cords					
	Red Oak		8	Cords					
	Red Pine		1	Cords					
	White Pine		22	Cords					
	2	Red Maple	Sawtimber	22.2			MBF	22.4	\$32,449.35
Red Oak			29.0	MBF					
Red Pine			9.9	MBF					
White Pine			32.1	MBF					
B. T. Aspen		Pulpwood	569	Cords					
<i>B. T. Aspen</i>		<i>Sawtimber</i>	<i>147.7</i>	<i>MBF</i>					
<i>B. T. Aspen</i>		<i>Pulpwood</i>	<i>274</i>	<i>Cords</i>					
Balsam Fir			13	Cords					
Red Maple			113	Cords					
Red Oak			41	Cords					
Red Pine			2	Cords					
White Pine			83	Cords					
3		Red Maple	Sawtimber	23.6	MBF	23.9	\$34,555.95		
		Red Oak		30.9	MBF				
	Red Pine		10.5	MBF					
	White Pine		34.3	MBF					
	B. T. Aspen	Pulpwood	608	Cords					
	<i>B. T. Aspen</i>	<i>Sawtimber</i>	<i>157.5</i>	<i>MBF</i>					
	<i>B. T. Aspen</i>	<i>Pulpwood</i>	<i>293</i>	<i>Cords</i>					
	Balsam Fir		13	Cords					
	Red Maple		120	Cords					
	Red Oak		44	Cords					
	Red Pine		2	Cords					
	White Pine		88	Cords					
	TOTAL:			223.9	MBF				
	TOTAL:			1,827	Cords				

## Sale Specific Conditions & Requirements

**Sale Name: Big Foot Aspen**

**Sale Number: 61-111-23 Seq#: 1**

### 1 - Sale Area

#### 1.2 - Boundaries

##### 1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas. The painted boundary line trees are not Included Timber and are to be protected. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

### 2 - Timber Specifications

#### 2.1 - Included Timber

##### 2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 1-3, cut all trees that are two (2) inches or more at DBH. In addition, the following specifications apply:

- Within Payment Unit 1, do not cut any balsam fir, white oak, northern white cedar or trees marked with green paint.
- Within Payment Units 2 & 3, do not cut any northern white cedar, white oak, balsam fir under 5 inches at DBH, or any trees marked with green paint.

#### 2.2 - Utilization

##### 2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for all trees.

### 3 - Payments

#### 3.3 - Pre-measured Sales

##### 3.3.4 - Dividing payment units (7/14)

Payment Unit(s) with a value greater than \$30,000 may be divided at the request of the Purchaser and upon approval of the Unit Manager. Dividing Payment Units is a contract modification which requires a Timber Sale Contract Amendment. There will be only one division per Payment Unit.

### 4 - Transportation

#### 4.1 - Construction

##### 4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

##### 4.1.11 - Permits (2/12)

The Purchaser will secure any necessary county road permits that may be required.

##### 4.1.12 - No new roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails will only be allowed.

#### 4.2 - Maintenance

##### 4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the

sale.

## 5 - Operations

### 5.1 - Notification

#### 5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

### 5.2 - Conduct of Operations

#### 5.2.1 - Slash

##### 5.2.1.8 - Slash height (12/08)

No slash or tree tops may exceed 30 inches in height.

#### 5.2.3 - Operating Restrictions

##### 5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1-3, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. Brushing out all haul roads before April 15. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.2 - Dead and down creation, hare and grouse (1/14)

To improve habitat for snowshoe hare, grouse, and other species, the Purchaser is to leave one tree, nine (9) inches or larger in diameter, on the ground for every two acres. They should be scattered throughout the sale or positioned per the Sale Administrator's instructions. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

#### 5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

#### 5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

#### 5.2.39 - ORV trail/route protection (4/18)

The trail is an ORV trail or route and is shown on the Timber Sale Map. Trees with yellow ORV markers shall be cut off above the markers and at least 5 feet above ground. All stumps within 5 feet of the trail must be cut flush with the ground. Maintain a 20-foot-wide slash, debris, and rut free zone daily using the ORV trail or route as the centerline. Do not run equipment down the ORV trail or route. Skidding across the trail or route may only occur in locations approved by the Sale Administrator.

### 5.4 - Soil Protection

#### 5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which are 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

## 6 - Safety and Fire Prevention

## 6.2 - Signing

### 6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on county or state roads prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

### 6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the ORV Trail prior to beginning operations. The trail must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.



# TIMBER SALE MAP

This information provided by authority of Part 525, 1994 PA 451, as amended.

Forest Management Unit	County	Mapped By	Tom Peterson	Date	Page of	
Traverse City Management Unit	Kalkaska County	Cruised By	Tom Peterson	05/17/2023	1	1
Township	Range	Section(s) and Subdivision(s)	Scale			
25N	07W	Section 36 - NENW,S1/2NW,W1/2NE	1:15,840			

Cover Type				Density			
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium		
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well		
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor		
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium		
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well		
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water				
G = Grass	MD = Mixed Deciduous	T = Tamarack					

PU	Acres
1	6.4
2	22.4
3	23.9

## Big Foot Aspen

### Compartment 61244

52.7 Acres

