



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7130**

**SCHEDULED SALE DATE AND TIME: 4:00 p.m. (local time) on February 7, 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:

Stone Road Pine Mix (61-038-22) / T25N, R14W, SEC. 29, SESE.

T25N, R14W, SEC. 32, E1/2NE.

Benzie County, Advertised Price \$51,984.50, 34.0 Acres, Hardwood, Red Pine.

SALE NOTE: 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, R14W, SEC. 29; T25N, R14W, SEC. 32.  
Benzie County (Advertised Price \$51,984.50)

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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		
B. T. Aspen	15.9 MBF	\$ 107.00 / MBF
Basswood	1.3 MBF	\$ 104.00 / MBF
Black Cherry	0.6 MBF	\$ 153.00 / MBF
Quaking Aspen	1.0 MBF	\$ 107.00 / MBF
Red Maple	3.4 MBF	\$ 134.00 / MBF
Red Pine	77.5 MBF	\$ 106.00 / MBF
Sugar Maple	5.9 MBF	\$ 271.00 / MBF
Pulpwood		
B. T. Aspen	48 Cords	\$ 20.00 / Cord
Basswood	36 Cords	\$ 17.70 / Cord
Black Cherry	37 Cords	\$ 22.50 / Cord
Ironwood	28 Cords	\$ 22.50 / Cord
Quaking Aspen	24 Cords	\$ 20.00 / Cord
Red Maple	16 Cords	\$ 22.50 / Cord
Red Pine	749 Cords	\$ 47.50 / Cord
Sugar Maple	9 Cords	\$ 22.50 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 38.28 percent. There are an estimated 1,198 cords on this timber sale, plus or minus 459 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 \$2,599.23 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:

<u>PAYMENT UNIT NUMBER</u>	<u>PERCENT OF TOTAL SALE VALUE</u>
01	17.7%
02	6.4%
03	66.8%
04	9.1%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2025.

### **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
94,662	1,198	38.28%	740	1,657

## 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	5,654	72	145.79%	33	176
50	63,289	801	22.34%	622	980
52	10,374	131	80.67%	25	237
109	15,345	194	68.42%	61	327
<b>TOTAL:</b>	<b>94,662</b>	<b>1,198</b>		<b>676</b>	<b>1,720</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	5.6	2	5.6
50	10.6	3	10.6
52	7.0	4	7.0
109	10.8	1	10.8
<b>TOTAL:</b>	<b>34.0</b>		<b>34.0</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
1	Red Pine	Pulpwood	194	Cords	10.8	\$9,215.00			
2	Red Pine	Sawtimber	15.4	MBF	5.6	\$3,342.40			
	Red Pine	Pulpwood	36	Cords					
3	B. T. Aspen	Sawtimber	15.9	MBF	10.6	\$34,696.40			
	Red Pine		62.1	MBF					
	B. T. Aspen	Pulpwood	48	Cords					
	Black Cherry		35	Cords					
	Quaking Aspen		22	Cords					
	Red Pine		510	Cords					
4	Basswood	Sawtimber	1.3	MBF	7.0	\$4,730.70			
	Black Cherry		0.6	MBF					
	Quaking Aspen		1.0	MBF					
	Red Maple		3.4	MBF					
	Sugar Maple		5.9	MBF					
	Basswood	Pulpwood	36	Cords					
	Black Cherry		2	Cords					
	Ironwood		28	Cords					
	Quaking Aspen		2	Cords					
	Red Maple		16	Cords					
	Red Pine		9	Cords					
	Sugar Maple		9	Cords					
	TOTAL:			105.6			MBF		
	TOTAL:			947			Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Stone Road Pine Mix**

**Sale Number: 61-038-22 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. However, the boundary for the east side of unit 1 is Stone road. 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.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

##### **2.1.3 - Cut tree marked unit(s) (12/08)**

Within Payment Unit(s) 1, 2, 4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. Also, within unit 4 all ironwood is designated for cutting regardless of merchantability.

##### **2.1.7 - Leave tree marked unit(s) (6/14)**

Within Payment Unit(s) 3, all aspen, red maple, basswood, cherry, ironwood and red pine trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting, except trees marked with green paint above and below stump height. Also, try to protect any understory sugar maple poles and saplings from logging damage as much as possible.

#### **2.2 - Utilization**

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

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH.

### **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, chipped, utilized or otherwise removed from the sale as agreed upon by DNR sale administrator.

### **5 - Operations**

#### **5.2 - Conduct of Operations**

##### **5.2.1 - Slash**

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

No slash or tree tops may exceed 24 inches in height.

##### **5.2.3 - Operating Restrictions**

###### **5.2.3.3 - Bark slippage restriction (3/09)**

Within Payment Unit(s) 3 and 4, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

###### **5.2.3.6 - Bark beetle restriction (12/08)**

In the event drought creates a high risk of pine bark beetle infestation, pine is not to be cut during the period March 1

through July 1, unless all portions of trees greater than two inches in diameter are removed from the sale area, reduced to chips, or treated to the satisfaction of the Unit Manager or his/her representative, within fifteen days of being severed from the stump. Pine log decks, pulpwood piles and treetops that are piled for chipping in the fall or winter within a 1/4 mile of susceptible sites must be removed before March 15. Residual slash must not be placed in piles or rows and must be spread over the site for quick drying. The Department of Natural Resources will exercise this specification if the risk of damage warrants.

#### 5.2.40 - Pathway protection (10/10)

The Betsie River Pathway is a bike, hiking and ski trail and is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator.

## 6 - Safety and Fire Prevention

### 6.2 - Signing

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

The Purchaser is responsible for posting and maintaining caution signs on Betsie River Pathway prior to beginning operations. The trail must be posted at locations as agreed upon with the DNR sale administrator 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.

Sale Number	Year
61 - 038	22

Forest Management Unit Traverse City	County Benzie	Mapped By Craig Allen	Date 09/23/2022	Page 1	of 1
Township 25N	Range 14W	Section(s) and Subdivision(s) Sec.29; SESE Sec.32; E1/2NE	Scale 1:7,920		

**Cover Type**

A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh
D = Tread Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hardwoods	M = Mpl. Ech. Birch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Cress	MD = Mixed Deciduous	T = Tamarack	

**Density**

0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU	Acres
1	10.8
2	5.6
3	10.6
4	7.0

## Stone Road Pine Mix

Compartment 29  
34 Acres

