



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7589**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on May 13, 2025.

LOCATION: NAUBINWAY DNR FIELD OFFICE, PO BOX 287, W11569 US2, NAUBINWAY, MI 49762.

CONTACT NAME: Josh Brinks

PHONE NUMBER: (906) 203-0210

PROSPECTUS NOTE: 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, SAULT STE MARIE MANAGEMENT UNIT, for certain timber on the following described lands:

Strouble's Hurried Hardwood (45-122-24) / T43N, R07W, SEC. 5 , S1/2SW.

T43N, R07W, SEC. 6 , SESE.

T43N, R07W, SEC. 7 , NENE.

T43N, R07W, SEC. 8 , NW,NWNE,S1/2NE,E1/2SW,W1/2SE.

Mackinac County, Advertised Price \$102,591.55, 195.8 Acres, Hardwood, Sugar Maple.

TIMBER SALE INFORMATION

Strouble's Hurried Hardwood (45-122-24)

T43N, R07W, SEC. 5; T43N, R07W, SEC. 6; T43N, R07W, SEC. 7; T43N, R07W, SEC. 8.
Mackinac County (Advertised Price \$102,591.55)

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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>		<u>ADVERTISED PRICE</u>
Sawtimber			
Red Maple	26.1	MBF	\$ 126.00 / MBF
Sugar Maple	204.1	MBF	\$ 324.00 / MBF
Yellow Birch	7.4	MBF	\$ 58.00 / MBF
Pulpwood			
Balsam Fir	93	Cords	\$ 9.55 / Cord
Mixed Aspen	313	Cords	\$ 24.00 / Cord
Mixed Hardwood	1,469	Cords	\$ 15.40 / Cord
Mixed Spruce	33	Cords	\$ 13.10 / Cord
N. White Cedar	163	Cords	\$ 3.30 / Cord
Paper Birch	115	Cords	\$ 5.15 / Cord
Tamarack	5	Cords	\$ 2.15 / Cord
White Pine	9	Cords	\$ 16.60 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.43 percent. There are an estimated 2,755 cords on this timber sale, plus or minus 315 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 \$5,129.58 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	16.5%
02	18.8%
03	8.0%
04	10.9%
05	9.2%
06	16.5%
07	17.7%
08	2.4%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2028.

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
217,676	2,755	11.43%	2,440	3,071

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
34	28,536	361	22.48%	280	442
55	25,905	328	39.76%	198	458
83	46,880	593	24.90%	446	741
84	13,770	174	30.38%	121	227
341	102,584	1,299	17.78%	1,068	1,529
TOTAL:	217,676	2,755		2,112	3,399

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
34	39.1	1	39.1
55	10.0	8	10.0
83	11.5	7	11.5
84	4.5	7	4.5
341	130.7	2	39.0
341	130.7	3	16.4
341	130.7	4	22.5
341	130.7	5	18.9
341	130.7	6	33.9
TOTAL:	718.6		195.8

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	3.1	MBF	39.1	\$16,903.40
	Sugar Maple		38.6	MBF		
	Balsam Fir	Pulpwood	16	Cords		
	Mixed Aspen		4	Cords		
	<i>B. T. Aspen</i>		4	Cords		
	Mixed Hardwood		244	Cords		
	<i>Beech</i>		4	Cords		
	<i>Red Maple</i>		16	Cords		
	<i>Sugar Maple</i>		223	Cords		
	<i>Yellow Birch</i>		1	Cords		
2	Sugar Maple	Sawtimber	47.0	MBF	39.0	\$19,441.10
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		271	Cords		
	<i>Beech</i>		19	Cords		
	<i>Black Cherry</i>		1	Cords		
	<i>Red Maple</i>		10	Cords		
	<i>Sugar Maple</i>		241	Cords		
	Paper Birch		4	Cords		
3	Sugar Maple	Sawtimber	19.7	MBF	16.4	\$8,173.65
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood		115	Cords		
	<i>Beech</i>		8	Cords		
	<i>Black Cherry</i>		1	Cords		
	<i>Red Maple</i>		4	Cords		
	<i>Sugar Maple</i>		102	Cords		
	Paper Birch		2	Cords		
4	Sugar Maple	Sawtimber	27.1	MBF	22.5	\$11,218.05
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood		157	Cords		
	<i>Beech</i>		11	Cords		
	<i>Black Cherry</i>		1	Cords		
	<i>Red Maple</i>		6	Cords		
	<i>Sugar Maple</i>		139	Cords		
	Paper Birch		2	Cords		
5	Sugar Maple	Sawtimber	22.7	MBF	18.9	\$9,407.45
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood		132	Cords		
	<i>Beech</i>		9	Cords		
	<i>Black Cherry</i>		1	Cords		
	<i>Red Maple</i>		5	Cords		
	<i>Sugar Maple</i>		117	Cords		
	Paper Birch		2	Cords		
6	Sugar Maple	Sawtimber	40.8	MBF	33.9	\$16,903.55
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Hardwood		237	Cords		
	<i>Beech</i>		17	Cords		
	<i>Black Cherry</i>		2	Cords		
	<i>Red Maple</i>		8	Cords		
	<i>Sugar Maple</i>		210	Cords		
	Paper Birch		3	Cords		
7	Red Maple	Sawtimber	23.0	MBF	16.0	\$18,131.35
	Sugar Maple		8.2	MBF		
	Yellow Birch		7.4	MBF		
	Balsam Fir	Pulpwood	41	Cords		
	Mixed Aspen		278	Cords		

DESCRIPTION OF TIMBER BY PU (PU), CON'T

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	<i>B. T. Aspen</i>	<i>Pulpwood</i>	211	<i>Cords</i>		
	<i>Quaking Aspen</i>		67	<i>Cords</i>		
	Mixed Hardwood		304	Cords		
	<i>Beech</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		129	<i>Cords</i>		
	<i>Sugar Maple</i>		108	<i>Cords</i>		
	<i>Yellow Birch</i>		60	<i>Cords</i>		
	Mixed Spruce		2	Cords		
	<i>White Spruce</i>		2	<i>Cords</i>		
	Paper Birch		44	Cords		
White Pine	9	Cords				
8	Balsam Fir	Pulpwood	29	Cords	10.0	\$2,413.00
	Mixed Aspen		31	Cords		
	<i>Quaking Aspen</i>		31	<i>Cords</i>		
	Mixed Hardwood		9	Cords		
	<i>Red Maple</i>		9	<i>Cords</i>		
	Mixed Spruce		31	Cords		
	<i>Black Spruce</i>		8	<i>Cords</i>		
	<i>White Spruce</i>		23	<i>Cords</i>		
	N. White Cedar		163	Cords		
	Paper Birch		58	Cords		
	Tamarack		5	Cords		
TOTAL:			237.6	MBF		
TOTAL:			2,200	Cords		

Sale Specific Conditions & Requirements

Sale Name: Strouble's Hurried Hardwood

Sale Number: 45-122-24 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, as well as forest roads. 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, with the exception of the interior Payment Unit boundaries between Payment Units 2 and 3 and Payment Units 4 and 5 which are unpainted and designated by the forest road. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 7 and 8, cut all trees that are two (2) inches or more at DBH regardless of merchantability. Within Payment Unit 8, do not cut any pine, oak, hemlock or yellow birch.

2.1.3 - Cut Tree Marked Unit(s) (12/08)

Within Payment Unit(s) 1-6, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, within Payment Units 2-6 cut all aspen that are two (2) inches or more at DBH.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing Payment Units (7/14)

Payment Unit(s) 1-8 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.

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings within Payment Units 1-6.

Within the Sale Area, if more than 20% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$250 per acre for all acreage within that specified portion of the Sale Area that was damaged.

4 - Transportation

4.1 - Construction

4.1.6 - Road Construction (4/24)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road Closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing double earthen berms at strategic locations. Stumps and brush must be placed along the remainder of the trail. These roads must be rendered impassable to cars and trucks. All stumps from road building and landing construction must be reserved to block any newly constructed roads upon completion of the sale. These stumps must be scattered along the road system to prohibit vehicular movement. Contact the Sale Administrator for specific details of design and placement.

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.

4.3 - Public Right-of-Way

4.3.2 - County R-O-W (12/06)

The County must be contacted prior to operations along the County Road R-O-W. This applies to the Payment Units along Strouble Lake Road.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for Reforestation (3/21)

To facilitate reforestation, within Payment Units 1-6 slash shall be left unevenly distributed. Tops shall not be crushed or ran over unless in main skid trails. Preferably, unbroken tops shall be left whole and intact, and placed within gaps created during harvesting operations.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den Trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark Slippage Restriction (3/09)

Within Payment Unit(s) 1-6, unless changed by written agreement, cutting and skidding are not permitted during the period of May 1 to July 15. This restriction is because of bark slippage.

5.2.4 - Dead and Down Creation

5.2.4.3 - Dead and Down Creation, Dead Trees (6/07)

Except as provided for in General Condition and Requirement 5.2.2, no dead trees, standing or down, are to be cut, skidded, or processed.

5.2.17 - Timber Mats and Interlocking Composite Mats (5/23)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Amendment will be used to document the Purchaser's use of the DNR's mats. Contact the Sale Administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats will require DNR staff onsite for installation and removal. Contact the Sale Administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

5.2.22 - Operating Caution

5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 8, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because of poorly drained soils.

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.

5.2.37 - No Decking Areas (12/08)

No decking is allowed within 50 feet of Strouble Lake Road without permission of the county road commission.

5.8 - Protection of Endangered Species

5.8.5 - Protection of Raptor Nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an onsite evaluation and recommendation can be made, if necessary.

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 Strouble Lake Road 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.



TIMBER SALE MAP

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

Sale Number
45-122-24

Date
09/30/2024

Forest Management Unit
Sault Ste Marie Mgt Unit

County
Mackinac

Mapped By: Brinks

Cruised By: Sault Unit Staff

Scale
1:15,840

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Of
1

Township 43N Range 07W Section(s) and Subdivision(s) Sec. 5 S1/2SW; Sec. 6 SESE; Sec. 7 NENE; Sec. 8 NW,NWNE,S1/2NE,E1/2SW,W1/2SE;

Cover Type

A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, Birch	S = Black Spruce	X = Non Stocked
F = Spruce/Fir	MC = Mixed Conifer	T = Tamarack	Y = Sand
G = Grass	MD = Mixed Deciduous		Z = Water
H = Hemlock	N = Marsh		

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	PU #	Acres
1	39.1	5	18.9
2	39	6	33.9
3	16.5	7	16
4	22.5	8	10

**Strouble's Hurried
Hardwood
195.8 Acres**

Locator Map 1:200,000

