



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7428**

SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on May 16, 2024.

LOCATION: NEWBERRY MGMT UNIT, PO BOX 428, 5666 S STATE HWY M 123, NEWBERRY, MI 49868.

CONTACT NAME: Keith Magnusson

PHONE NUMBER: (906) 291-0120

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, NEWBERRY MANAGEMENT UNIT, for certain timber on the following described lands:

Roadside Park Hardwoods (42-011-23) / T45N, R08W, SEC. 14, SWNW,NWSW.

T45N, R08W, SEC. 15, SENW,S1/2NE,SW,SE.

T45N, R08W, SEC. 22, N1/2NW.

Luce County, Advertised Price \$67,088.15, 197.3 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: No chipping is permitted on this sale.

Within Payment Unit(s) 1-5, harvesting is limited to the period of December 1 to April 1 because harvested tree-tops will provide a possible food source for wintering deer.

Within Payment Unit(s) 1-4, harvesting is not permitted during the period of April 15 to July 15 because of bark slippage.

TIMBER SALE INFORMATION

Roadside Park Hardwoods (42-011-23)
T45N, R08W, SEC. 14; T45N, R08W, SEC. 15; T45N, R08W, SEC. 22.
Luce County (Advertised Price \$67,088.15)

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Within Payment Unit(s) 1-4, harvesting is not permitted during the period of April 15 to July 15 because of bark slippage.

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		
Basswood	24.8 MBF	\$ 111.00 / MBF
Red Maple	196.0 MBF	\$ 70.00 / MBF
Sugar Maple	65.3 MBF	\$ 299.00 / MBF
White Ash	16.5 MBF	\$ 73.00 / MBF
Pulpwood		
Balsam Fir	199 Cords	\$ 10.35 / Cord
Basswood	65 Cords	\$ 7.50 / Cord
Mixed Hardwood	1,843 Cords	\$ 11.40 / Cord
Mixed Spruce	276 Cords	\$ 7.05 / Cord
Quaking Aspen	180 Cords	\$ 24.35 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 13.11 percent. There are an estimated 3,417 cords on this timber sale, plus or minus 448 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 \$3,354.41 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	15.7%
02	14.2%
03	22.0%
04	20.1%
05	28.0%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2027.

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
269,965	3,417	13.11%	2,969	3,865

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
5	200,791	2,542	11.31%	2,254	2,829
14	69,174	876	18.07%	717	1,034
TOTAL:	269,965	3,417		2,972	3,863

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
5	174.1	1	38.0
		2	34.2
		3	53.3
		4	48.6
14	23.2	5	23.2
TOTAL:	197.3		197.3

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood Red Maple Sugar Maple White Ash	Sawtimber	4.3	MBF	38.0	\$10,550.05
			41.0	MBF		
			9.2	MBF		
			2.5	MBF		
	Basswood Mixed Hardwood <i>Beech</i> <i>Green Ash</i> <i>Ironwood</i> <i>Red Maple</i> <i>Sugar Maple</i> <i>White Ash</i> Mixed Spruce <i>Black Spruce</i> <i>White Spruce</i>	Pulpwood	43	Cords		
			7	Cords		
			295	Cords		
			1	Cords		
			4	Cords		
			2	Cords		
			165	Cords		
			115	Cords		
			8	Cords		
			58	Cords		
			3	Cords		
			55	Cords		
2	Basswood Red Maple Sugar Maple White Ash	Sawtimber	3.8	MBF	34.2	\$9,502.05
			36.9	MBF		
			8.3	MBF		
			2.3	MBF		
	Basswood Mixed Hardwood <i>Beech</i> <i>Green Ash</i> <i>Ironwood</i> <i>Red Maple</i> <i>Sugar Maple</i> <i>White Ash</i> Mixed Spruce <i>Black Spruce</i> <i>White Spruce</i>	Pulpwood	39	Cords		
			6	Cords		
			266	Cords		
			1	Cords		
			4	Cords		
			2	Cords		
			149	Cords		
			103	Cords		
			7	Cords		
			52	Cords		
			3	Cords		
			49	Cords		
3	Basswood Red Maple Sugar Maple White Ash	Sawtimber	6.0	MBF	53.3	\$14,788.70
			57.6	MBF		
			12.9	MBF		
			3.5	MBF		
	Basswood Mixed Hardwood <i>Beech</i> <i>Green Ash</i> <i>Ironwood</i> <i>Red Maple</i> <i>Sugar Maple</i> <i>White Ash</i> Mixed Spruce <i>Black Spruce</i> <i>White Spruce</i>	Pulpwood	61	Cords		
			9	Cords		
			413	Cords		
			1	Cords		
			5	Cords		
			3	Cords		
			232	Cords		
			161	Cords		
			11	Cords		
			81	Cords		
			5	Cords		
			76	Cords		
4	Basswood Red Maple Sugar Maple White Ash	Sawtimber	5.4	MBF	48.6	\$13,506.70
			52.5	MBF		
			11.8	MBF		
			3.2	MBF		
	Basswood Mixed Hardwood	Pulpwood	56	Cords		
			8	Cords		
			378	Cords		

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE			
4 con't	<i>Beech</i>	<i>Pulpwood</i>	1	<i>Cords</i>					
	<i>Green Ash</i>		5	<i>Cords</i>					
	<i>Ironwood</i>		3	<i>Cords</i>					
	<i>Red Maple</i>		212	<i>Cords</i>					
	<i>Sugar Maple</i>		147	<i>Cords</i>					
	<i>White Ash</i>		10	<i>Cords</i>					
	Mixed Spruce		74	<i>Cords</i>					
	<i>Black Spruce</i>		4	<i>Cords</i>					
	<i>White Spruce</i>		70	<i>Cords</i>					
5	Basswood	Sawtimber	5.3	MBF	23.2	\$18,740.65			
	Red Maple		8.0	MBF					
	Sugar Maple		23.1	MBF					
	White Ash		5.0	MBF					
	Basswood	Pulpwood	35	Cords					
	Mixed Hardwood		491	Cords					
	<i>American Elm</i>	<i>Sawtimber</i>	2.4	<i>MBF</i>					
	<i>American Elm</i>	<i>Pulpwood</i>	9	<i>Cords</i>					
	<i>Beech</i>		9	<i>Cords</i>					
	<i>Black Cherry</i>		5	<i>Cords</i>					
	<i>Red Maple</i>		96	<i>Cords</i>					
	<i>Sugar Maple</i>		291	<i>Cords</i>					
	<i>White Ash</i>		16	<i>Cords</i>					
	<i>Yellow Birch</i>		60	<i>Cords</i>					
	Mixed Spruce		11	<i>Cords</i>					
	<i>White Spruce</i>		11	<i>Cords</i>					
	Quaking Aspen		180	<i>Cords</i>					
	TOTAL:			302.6			MBF		
	TOTAL:			2,563			Cords		

Sale Specific Conditions & Requirements

Sale Name: Roadside Park Hardwoods

Sale Number: 42-011-23 Seq#: 2

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 red and yellow paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. 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) 5, cut all trees that are two (2) inches or more at DBH, except do not cut cedar, hemlock, white pine and sub-merchantable balsam fir.

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

Within Payment Unit(s) 1-4, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability. In addition, cut all spruce, balsam fir and aspen which meet minimum piece specifications, except do not cut any cedar, hemlock or white pine.

2.2 - Utilization

2.2.9 - No chipping permitted (12/08)

Within Payment Unit(s) 1-5, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-5, 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 balsam fir seedlings and saplings.

4 - Transportation

4.1 - Construction

4.1.4 - Timber removed for construction (3/23)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at contract prices or average prices, if not on the contract.

4.1.6 - Road construction (1/09)

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. Contact Sale Administrator for further details on access roads.

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. 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.

5 - Operations

5.2 - Conduct of 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

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 1-5, cutting, skidding, and hauling are limited to the period of December 1 to April 1. This restriction is because harvested tree-tops will prove a possible food source for wintering deer.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-4, 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.

5.2.32 - 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.

5.4 - 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 which is 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.

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 on-site evaluation and recommendation can be made, if necessary.

7 - Other Conditions

7.2 - Extensions

7.2.5 - Weather related extension (1/13)

If weather conditions during the operating period of this contract prevent harvesting, this sale may qualify for a weather related extension. If approved, the normal extension fee would be waived. To qualify, there must be a documented attempt each year to harvest in the difficult portion of the sale.



TIMBER SALE MAP

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

Sale Number
42-011-23

Date
09/28/2023

Forest Management Unit
Newberry Mgt Unit

County
Luce

Mapped By: L. Livermore
Cruised By: U.M.L.M.W.S.

Scale
1:15,840

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Of
1

Township 45N Range 08W Section(s) and Subdivision(s) Sec. 14 SWNW,NWSW; Sec. 15 SENW,S1/2NE,SW,SE; Sec. 22 N1/2NW;

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 |

Roadside Park Hardwoods

Acres: **197.3** Compartment: **42133**

QR Code

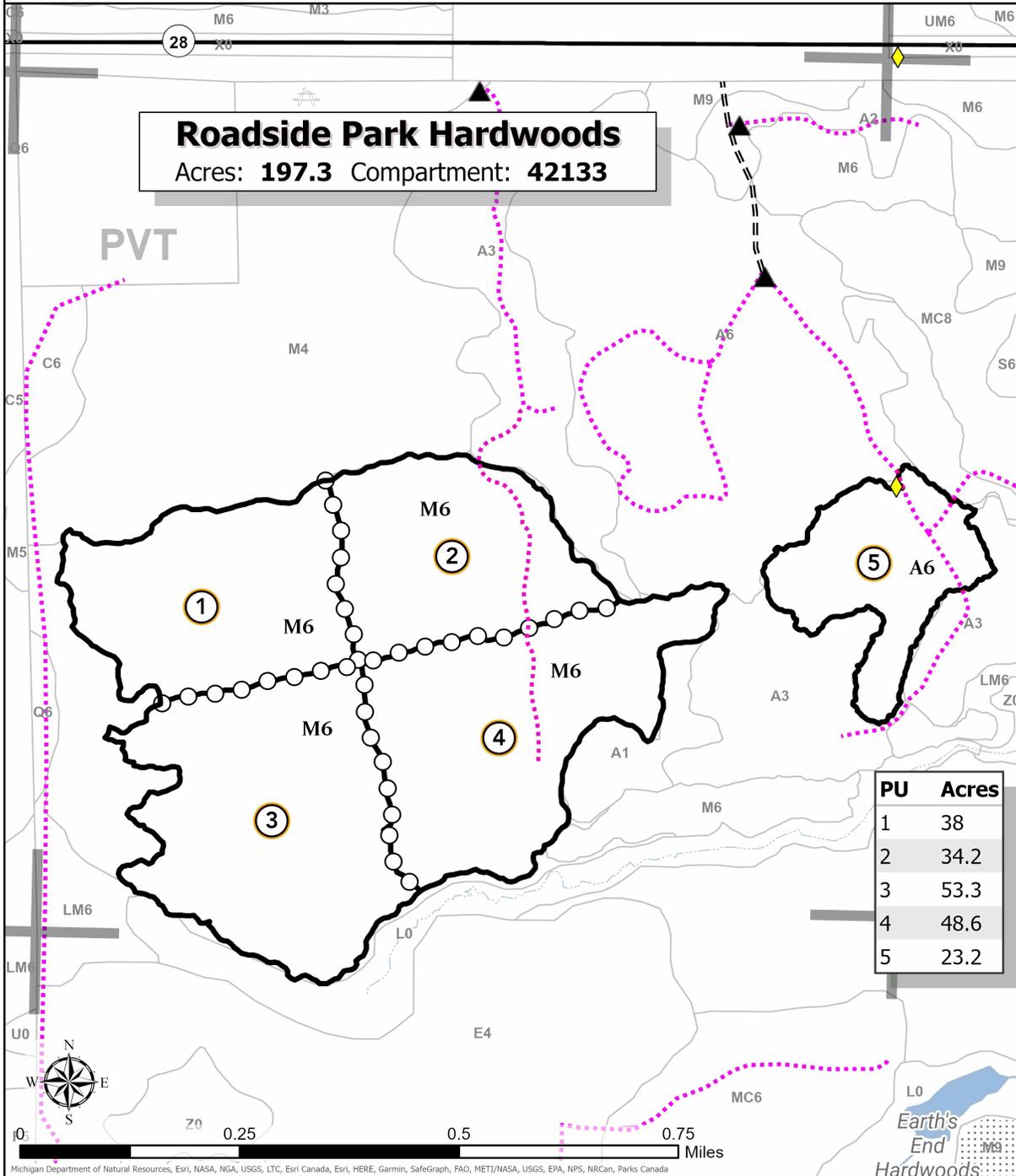
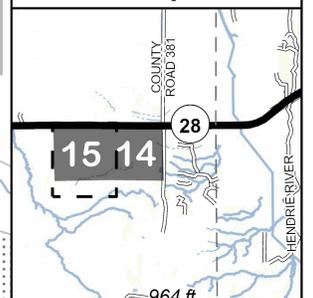


Legend

- ~ Against State (Red)
- Payment Unit (Yellow)
- Highway
- ◆ Survey Grade Corner
- ▲ Berm
- MIRIS Section Corner
- ~ Intermittent Stream
- Perennial River
- Lakes and Rivers
- Forest Access Route
- Private Road
- Temporary Management Access
- Stand
- Counties
- Nearby Sale

PU	Acres
1	38
2	34.2
3	53.3
4	48.6
5	23.2

Locator Map (1:200,000)



0.25 0.5 0.75 Miles

Michigan Department of Natural Resources, Esri, NASA, NGA, USGS, LTC, Esri Canada, Esri, HERE, Garmin, SafeGraph, FAO, METI/NASA, USGS, EPA, NPS, NRCAN, Parks Canada