



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7220**

**SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on June 1, 2023.**

**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:

CCI Road Mix (42-015-22) / T48N, R11W, SEC. 10, NESE,SWSE.

T48N, R11W, SEC. 11, NWSW,S1/2SW,SWSE.

Luce County, Advertised Price \$30,605.05, 70.1 Acres, Hardwood, White Pine.

SALE NOTE: Road maintenance is required on this sale. See Sale Spec 4.2.3 for details.

Within Payment Unit(s) #'s 2 and 3, harvesting is not permitted during the period of April 15 to July 15 because of bark slippage.

It is recommended that within Payment Unit(s) #'s 1, 2, 3 and 4, harvesting occur during dry summer or frozen winter conditions because potential for wet and/or low ground within the sale.

The snowmobile trail is shown on the Timber Sale Map. See Sale Spec 5.2.41 for restrictions.

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. Access may be through private or other public land.

## TIMBER SALE INFORMATION

### CCI Road Mix (42-015-22)

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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			
Red Maple	21.9	MBF	\$ 131.00 / MBF
Pulpwood			
Balsam Fir	29	Cords	\$ 12.40 / Cord
Hemlock	82	Cords	\$ 7.80 / Cord
Mixed Aspen	29	Cords	\$ 31.60 / Cord
Mixed Hardwood	560	Cords	\$ 17.15 / Cord
Mixed Spruce	69	Cords	\$ 14.35 / Cord
N. White Cedar	11	Cords	\$ 6.00 / Cord
Red Pine	56	Cords	\$ 73.90 / Cord
White Pine	501	Cords	\$ 22.00 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 14.20 percent. There are an estimated 1,381 cords on this timber sale, plus or minus 196 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 \$1,530.25 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	29.6%
02	9.1%
03	10.7%
04	50.6%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2026.

### **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
109,094	1,381	14.20%	1,185	1,577

## 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
71	11,521	146	24.12%	111	181
123	12,317	156	30.26%	109	203
294	31,521	399	32.30%	270	528
529	53,735	680	17.08%	564	796
<b>TOTAL:</b>	<b>109,094</b>	<b>1,381</b>		<b>1,054</b>	<b>1,708</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
71	11.5	2	11.5
123	13.2	3	13.2
294	18.0	1	18.0
529	27.4	4	27.4
<b>TOTAL:</b>	<b>70.1</b>		<b>70.1</b>

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	8.7	MBF	18.0	\$9,048.15
	Balsam Fir	Pulpwood	11	Cords		
	Mixed Aspen		11	Cords		
	B. T. Aspen		8	Cords		
	Quaking Aspen		3	Cords		
	Mixed Hardwood		115	Cords		
	Beech	Sawtimber	1.2	MBF		
	Beech	Pulpwood	5	Cords		
	Red Maple		105	Cords		
	Yellow Birch		3	Cords		
	Mixed Spruce		12	Cords		
	Black Spruce		7	Cords		
	White Spruce		5	Cords		
	N. White Cedar		11	Cords		
	White Pine		237	Cords		
	White Pine	Sawtimber	88.5	MBF		
	White Pine	Pulpwood	60	Cords		
2	Red Maple	Sawtimber	5.2	MBF	11.5	\$2,795.20
	Balsam Fir	Pulpwood	2	Cords		
	Hemlock		4	Cords		
	Hemlock	Sawtimber	1.7	MBF		
	Hemlock	Pulpwood	1	Cords		
	Mixed Hardwood		120	Cords		
	Beech	Sawtimber	17.7	MBF		
	Sugar Maple		2.6	MBF		
	Beech	Pulpwood	30	Cords		
	Red Maple		37	Cords		
	Sugar Maple		13	Cords		
	3	Red Maple	Sawtimber	5.8		
Mixed Hardwood		Pulpwood	146	Cords		
Beech		Sawtimber	7.4	MBF		
Beech		Pulpwood	22	Cords		
Red Maple			103	Cords		
Sugar Maple			4	Cords		
Yellow Birch			2	Cords		
4	Red Maple	Sawtimber	2.2	MBF	27.4	\$15,498.00
	Balsam Fir	Pulpwood	16	Cords		
	Hemlock		78	Cords		
	Hemlock		78	Cords		
	Mixed Aspen		18	Cords		
	Quaking Aspen		18	Cords		
	Mixed Hardwood		179	Cords		
	Beech		33	Cords		
	Paper Birch		17	Cords		
	Red Maple		129	Cords		
	Mixed Spruce		57	Cords		
	Black Spruce		57	Cords		
	Red Pine		56	Cords		
	Red Pine	Sawtimber	8.4	MBF		
	Red Pine	Pulpwood	39	Cords		
	White Pine		264	Cords		
	White Pine	Sawtimber	66.0	MBF		
	White Pine	Pulpwood	132	Cords		
TOTAL:			21.9	MBF		

TOTAL:	1,337	Cords
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## **Sale Specific Conditions & Requirements**

**Sale Name: CCI Road Mix**

**Sale Number: 42-015-22 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. 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**

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

Within Payment Unit(s) #'s 2 & 3, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

In addition, cut all Beech, Aspen, Spruce, and Balsam Fir.

Leave all trees Ringed in Green Paint.

Within Unit 3 leave all Hemlock.

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

Within Payment Unit(s) # 1 and 4, all trees, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting. Cut all trees that are two (2) inches or more at DBH, except trees marked with green paint above and below stump height.

In addition, in Payment Unit 1, leave all White Pine larger than 20" and any hemlock that is present.

Within Payment 4 leave all Red and White pine greater than 16".

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

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

Payment Unit(s) # 4 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**

##### **4.1.4 - Timber removed for construction (12/09)**

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 the specified Purchase Unit Price.

##### **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.

#### 4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic within 30 days of completion of hauling. 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. Contact the sale administrator for specific details of design and placement.

### 4.2 - Maintenance

#### 4.2.1 - Hauling restriction (12/08)

Hauling may be restricted on forest roads by the Unit Manager or his/her representative. Hauling is restricted on the CCI Road. The restriction may occur during spring breakup or may occur during wet weather conditions.

#### 4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

#### 4.2.3 - Road maintenance (8/13)

The following road maintenance is required: Within 60 days of completion of hauling, or if no hauling occurs for 60 days, the road must be maintained and graded. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. Damages will be assessed if grading/repair does not occur.

## 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 36 inches in height.

#### 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) #'s 2 and 3, 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.

#### 5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

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 Supplement 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) #'s 1, 2, 3 and 4, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation is because potential for wet and/or low ground within the sale.

#### 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.

#### 5.2.41 - Snowmobile trail protection (9/11)

The snowmobile trail is shown on the Timber Sale Map. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used, it must be maintained and restored to a condition equal to or better than before the sale. The road maintenance/restoration must be done prior to December 1. If the trail is used for hauling, it must be graded to the satisfaction of the Unit Manager or his/her representative prior to December 1. If the trail road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. The snowmobile trail may only be crossed at right angles. Maintain a 20 foot wide slash, debris, and rut-free zone daily using the snowmobile trail as the centerline. No decking of forest products will be permitted along the snowmobile trail.

### 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 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.

## 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 CCI 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.

#### 6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on snowmobile trail prior to beginning operations during the snowmobile season (approximately December 1 to March 31). The trail 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 DNR will provide these signs.

## 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	Year
42-015	22

Forest Management Unit	County	Mapped By	Date	Page	of
Newberry	Luce	L. Livermore	7/22/2022	1	1
		Cruised By	Grossman Forestry		

Township	Range	Section(s) and Subdivision(s)	Scale
48N	11W	Section 10: NESE, SWSE Section 11: NWSW, S½SW, SWSE	1:15,840

## 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 = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water
G = Grass	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

