



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7418**

**SCHEDULED SALE DATE AND TIME: 3:00 p.m. (local time) on May 10, 2024.**

**LOCATION: ESCANABA MGMT UNIT, 6833 HWY'S 2, 41 & M-35, GLADSTONE, MI 49837.**

**CONTACT NAME: Eric Thompson**

**PHONE NUMBER: (906) 789-8231**

**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, CRYSTAL FALLS MANAGEMENT UNIT, for certain timber on the following described lands:

Ancient Alleys (12-002-24) / T44N, R27W, SEC. 7 , NW,NWSW.

T44N, R28W, SEC. 12, E1/2NE,NESE.

Dickinson County, Advertised Price \$64,689.85, 80.2 Acres, Aspen, Hardwood.

**SALE NOTE:** A replacement cross drainage culvert 18" in diameter and 24 feet long, along with 550 cubic yards of pit run will be required roadwork prior to starting this sale. In addition, if wood is hauled south on Simpson Road, another culvert will need to be replaced by the Purchaser. This will require a permit, which will also be obtained by the Purchaser.

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

### Ancient Alleys (12-002-24)

T44N, R27W, SEC. 7; T44N, R28W, SEC. 12.

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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		
Paper Birch	19.0 MBF	\$ 170.00 / MBF
Red Maple	46.7 MBF	\$ 114.00 / MBF
Sugar Maple	10.9 MBF	\$ 198.00 / MBF
Pulpwood		
Balsam Fir	11 Cords	\$ 6.40 / Cord
Mixed Aspen	2,066 Cords	\$ 21.85 / Cord
Mixed Hardwood	720 Cords	\$ 11.65 / Cord
Paper Birch	43 Cords	\$ 3.25 / Cord
White Spruce	16 Cords	\$ 14.85 / Cord

\* The total volume is statistically estimated within plus (+) or minus (-) 21.97 percent. There are an estimated 3,036 cords on this timber sale, plus or minus 667 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 \$5,175.19 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	37.2%
02	23.9%
03	38.9%
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
239,853	3,036	21.97%	2,369	3,703

**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
1	225,361	2,853	16.66%	2,377	3,328
15	14,492	183	87.90%	22	345
TOTAL:	239,853	3,036		2,400	3,673

**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
1	74.2	1	29.4
		2	18.9
		3	25.9
15	6.0	3	6.0
TOTAL:	80.2		80.2

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Paper Birch	Sawtimber	7.6	MBF	29.4	\$24,042.70
	Red Maple		18.5	MBF		
	Sugar Maple		4.3	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Aspen		746	Cords		
	Balsam Poplar		10	Cords		
	Quaking Aspen		736	Cords		
	Mixed Hardwood		285	Cords		
	Black Ash		4	Cords		
	Black Cherry		4	Cords		
	Red Maple		231	Cords		
	Sugar Maple		46	Cords		
	Paper Birch		17	Cords		
	White Spruce		6	Cords		
2	Paper Birch	Sawtimber	4.8	MBF	18.9	\$15,472.95
	Red Maple		11.9	MBF		
	Sugar Maple		2.8	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Aspen		480	Cords		
	Balsam Poplar		7	Cords		
	Quaking Aspen		473	Cords		
	Mixed Hardwood		184	Cords		
	Black Ash		2	Cords		
	Black Cherry		3	Cords		
	Red Maple		149	Cords		
	Sugar Maple		30	Cords		
	Paper Birch		11	Cords		
	White Spruce		4	Cords		
3	Paper Birch	Sawtimber	6.6	MBF	31.9	\$25,174.20
	Red Maple		16.3	MBF		
	Sugar Maple		3.8	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Aspen		840	Cords		
	Balsam Poplar		9	Cords		
	Quaking Aspen		831	Cords		
	Mixed Hardwood		251	Cords		
	Black Ash		3	Cords		
	Black Cherry		4	Cords		
	Red Maple		204	Cords		
	Sugar Maple		40	Cords		
	Paper Birch		15	Cords		
	White Spruce		6	Cords		
TOTAL:			76.6	MBF		
TOTAL:			2,856	Cords		

## **Sale Specific Conditions & Requirements**

**Sale Name: Ancient Alleys**

**Sale Number: 12-002-24 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 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) 1-3, cut all trees that are two (2) inches or more at DBH, except do not cut any red pine, white pine, cedar, or if present, oak.

### **4 - Transportation**

#### **4.1 - Construction**

##### **4.1.5 - Culverts (5/14)**

Simpson Road will require the installation of a culvert for cross drainage at the location shown on the map, prior to hauling. The culverts shall be new, double-walled, plastic gauge, a minimum of 18 inches in diameter and 24 feet in length. Culverts will be permanently set in place. Soils shall be maintained and left in a non-erodible condition as directed by the Sale Administrator and as specified in the BMP manual.

**\*\*If wood is hauled south on the Simpson Road, the culvert over Little Brook Creek will need to be replaced; permit will be required and will be the responsibility of the Purchaser.**

##### **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 5 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. 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 a four (4') foot high berm of stumps and logs covered with earth. Contact the Sale Administrator for specific details of design and placement.

##### **4.1.8 - Road work (1) (8/07)**

The following road work is required: install a new, double-walled plastic culvert 18 inches in diameter and 24 feet in length at the location showed by a star on the map. Also, approximately 550 yards of pit run is to be spread on Simpson Road, as shown on map. This is to be 10 feet wide x 6 inches deep x 2065 feet in length.

Several State borrow pits are located within a 3-mile radius for pit run gravel. Details can be discussed with the Sale Administrator.

If hauling south on Simpson Road, the culvert over Little Brook Creek will need to be replaced; permit will be required and will be the responsibility of the Purchaser.

## 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. The restriction may occur during spring breakup or prolonged wet weather conditions.

### 4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

## 5 - Operations

### 5.2 - Conduct of Operations

#### 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 two loosely-stacked piles of brush and tops approximately 5 feet in height on the ground for every Payment Unit. They should be scattered throughout the sale or positioned per the Sale Administrator's instructions.

#### 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.

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

A portion of the Simpson Road is a snowmobile trail and is located south of the Timber Sale Map area. Do not cut or damage posts with orange trail markers or traffic control signs. If the trail is used for hauling, 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 road is to be used for hauling during the snowmobile season, then a snow-covered base must be left on the trail. Signs must be posted if using the trail during snowmobile season.

### 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.

## 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 Simpson 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  
**12-002-24**

Date  
**03/05/2024**

Forest Management Unit

County

Mapped By: Andy Church

Crystal Falls Mgt Unit

Dickinson

Cruised By: Andy Church

Scale  
**1:15,840**

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Of  
**1**

Township 44N Range 27W / 28W Section(s) and Subdivision(s) Sec. 12 E1/2NE,NESE; Sec. 7 NW,NWSW;

## 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

1	29.4
2	18.9
3	31.9

# Ancient Alleys

**80.2 Acres**  
**Comp 20**



## Legend

- Against State (Red)
- Payment Unit (Yellow)
- Exclusion
- Primary Forest Road
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- Stream
- Fill required
- Culvert needed
- Berm

