



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7520**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on December 10, 2024.**

LOCATION: **ROSCOMMON MGMT UNIT, PO BOX 218, ROSCOMMON, MI 48653.**

CONTACT NAME: Jason Lewicki

PHONE NUMBER: (989) 745-5870

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

Highway Aspen Oak (71-022-24) / T22N, R01W, SEC. 10, N1/2SW,SWSW.

Roscommon County, Advertised Price \$80,562.05, 85.5 Acres, Aspen, Hardwood.

SALE NOTE: The sale consists of 2 clearcuts with leave trees and 2 oak thinnings with oak wilt restrictions accessible from M-55.

TIMBER SALE INFORMATION

Highway Aspen Oak (71-022-24)

T22N, R01W, SEC. 10.

Roscommon County (Advertised Price \$80,562.05)

SALE NOTE: The sale consists of 2 clearcuts with leave trees and 2 oak thinnings with oak wilt restrictions accessible from M-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		
Basswood	0.7 MBF	\$ 81.00 / MBF
Black Cherry	1.8 MBF	\$ 167.00 / MBF
Black/Red (Hybrid) Oak	6.7 MBF	\$ 132.00 / MBF
Mixed Aspen	154.8 MBF	\$ 92.00 / MBF
Red Maple	93.8 MBF	\$ 83.00 / MBF
Red Oak	62.3 MBF	\$ 135.00 / MBF
Red Pine	95.5 MBF	\$ 126.00 / MBF
White Oak	25.5 MBF	\$ 74.00 / MBF
White Pine	8.1 MBF	\$ 82.00 / MBF
Pulpwood		
Mixed Aspen	426 Cords	\$ 38.30 / Cord
Mixed Hardwood	415 Cords	\$ 24.80 / Cord
Mixed Oak	219 Cords	\$ 23.70 / Cord
Red Pine	39 Cords	\$ 50.45 / Cord
White Pine	13 Cords	\$ 41.00 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 17.34 percent. There are an estimated 2,166 cords on this timber sale, plus or minus 376 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 \$4,028.10 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	28.0%
02	11.2%
03	36.9%
04	11.0%
05	12.9%

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
171,078	2,166	17.34%	1,790	2,541

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
9	19,533	247	29.81%	174	321
135	45,255	573	31.80%	391	755
136	22,461	284	33.11%	190	378
137	83,829	1,061	29.62%	747	1,375
TOTAL:	171,078	2,166		1,501	2,830

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
9	20.4	2	20.4
135	15.5	1	15.5
136	20.6	5	20.6
137	29.0	3	22.4
		4	6.6
TOTAL:	85.5		85.5

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	Black Cherry	Sawtimber	1.8	MBF	15.5	\$22,563.50	
	Black/Red (Hybrid)		1.5	MBF			
	Mixed Aspen		21.0	MBF			
	<i>B. T. Aspen</i>		1.8	<i>MBF</i>			
	<i>Quaking Aspen</i>		19.2	<i>MBF</i>			
	Red Maple		19.7	MBF			
	Red Oak		17.8	MBF			
	Red Pine		56.6	MBF			
	White Oak		6.9	MBF			
	White Pine		8.1	MBF			
	Mixed Aspen		Pulpwood	80			Cords
	<i>B. T. Aspen</i>			8			<i>Cords</i>
	<i>Quaking Aspen</i>			72			<i>Cords</i>
	Mixed Hardwood	115		Cords			
	<i>Black Cherry</i>	2		<i>Cords</i>			
	<i>Red Maple</i>	108		<i>Cords</i>			
	<i>Sugar Maple</i>	5		<i>Cords</i>			
	Mixed Oak	50		Cords			
	<i>/Red (Hybrid) Oak</i>	3		<i>Cords</i>			
	<i>Red Oak</i>	42		<i>Cords</i>			
	<i>White Oak</i>	5	<i>Cords</i>				
	Red Pine	12	Cords				
	White Pine	2	Cords				
2	Basswood	Sawtimber	0.7	MBF	20.4	\$9,015.20	
	Black/Red (Hybrid)		0.1	MBF			
	Mixed Aspen		4.6	MBF			
	<i>B. T. Aspen</i>		4.6	<i>MBF</i>			
	Red Maple		8.2	MBF			
	Red Oak		21.3	MBF			
	Red Pine		9.4	MBF			
	White Oak		2.4	MBF			
	Mixed Aspen		Pulpwood	12			Cords
	<i>B. T. Aspen</i>	12		<i>Cords</i>			
	Mixed Hardwood	48		Cords			
	<i>Basswood</i>	1		<i>Cords</i>			
	<i>Red Maple</i>	44		<i>Cords</i>			
	<i>Sugar Maple</i>	3		<i>Cords</i>			
	Mixed Oak	73		Cords			
	<i>/Red (Hybrid) Oak</i>	2		<i>Cords</i>			
	<i>Red Oak</i>	42		<i>Cords</i>			
	<i>White Oak</i>	29	<i>Cords</i>				
Red Pine	2	Cords					
White Pine	3	Cords					
3	Black/Red (Hybrid)	Sawtimber	3.9	MBF	22.4	\$29,788.60	
	Mixed Aspen		95.6	MBF			
	<i>B. T. Aspen</i>		23.3	<i>MBF</i>			
	<i>Quaking Aspen</i>		72.3	<i>MBF</i>			
	Red Maple		48.4	MBF			
	Red Oak		4.1	MBF			
	Red Pine	18.6	MBF				
	White Oak	0.9	MBF				
	Mixed Aspen	Pulpwood	216	Cords			
	<i>B. T. Aspen</i>		142	<i>Cords</i>			
	<i>Quaking Aspen</i>		74	<i>Cords</i>			
Mixed Hardwood	179		Cords				

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

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
3 con't	<i>Black Cherry</i>	<i>Pulpwood</i>	8	<i>Cords</i>			
	<i>Red Maple</i>		171	<i>Cords</i>			
	Mixed Oak		10	<i>Cords</i>			
	<i>/Red (Hybrid) Oak</i>		4	<i>Cords</i>			
	<i>Red Oak</i>		2	<i>Cords</i>			
	<i>White Oak</i>		4	<i>Cords</i>			
	Red Pine		6	<i>Cords</i>			
	White Pine		6	<i>Cords</i>			
4	Black/Red (Hybrid)	Sawtimber	1.2	MBF	6.6	\$8,829.30	
	Mixed Aspen		28.2	MBF			
	<i>B. T. Aspen</i>		6.9	<i>MBF</i>			
	<i>Quaking Aspen</i>		21.3	<i>MBF</i>			
	Red Maple		14.2	MBF			
	Red Oak		1.2	MBF			
	Red Pine		5.5	MBF			
	White Oak		0.3	MBF			
	Mixed Aspen		Pulpwood	64			<i>Cords</i>
	<i>B. T. Aspen</i>			42			<i>Cords</i>
	<i>Quaking Aspen</i>	22		<i>Cords</i>			
	Mixed Hardwood	54		<i>Cords</i>			
	<i>Black Cherry</i>	3		<i>Cords</i>			
	<i>Red Maple</i>	51		<i>Cords</i>			
	Mixed Oak	2		<i>Cords</i>			
	<i>/Red (Hybrid) Oak</i>	1		<i>Cords</i>			
	<i>White Oak</i>	1		<i>Cords</i>			
	Red Pine	2		<i>Cords</i>			
	White Pine	2	<i>Cords</i>				
	5	Mixed Aspen	Sawtimber	5.4	MBF	20.6	\$10,365.45
<i>B. T. Aspen</i>		5.4		<i>MBF</i>			
Red Maple		3.3		MBF			
Red Oak		17.9		MBF			
Red Pine		5.4		MBF			
White Oak		15.0	MBF				
Mixed Aspen		Pulpwood	54	<i>Cords</i>			
<i>B. T. Aspen</i>			38	<i>Cords</i>			
<i>Quaking Aspen</i>			16	<i>Cords</i>			
Mixed Hardwood			19	<i>Cords</i>			
<i>Red Maple</i>			19	<i>Cords</i>			
Mixed Oak			84	<i>Cords</i>			
<i>Red Oak</i>			55	<i>Cords</i>			
<i>White Oak</i>			29	<i>Cords</i>			
Red Pine			17	<i>Cords</i>			
TOTAL:			449.2	MBF			
TOTAL:			1,112	<i>Cords</i>			

Sale Specific Conditions & Requirements

Sale Name: Highway Aspen Oak

Sale Number: 71-022-24 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. 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. 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 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, and 4, cut all trees that are two (2) inches or more at DBH, except do not cut any green marked trees.

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

Within Payment Unit(s) 2 and 5, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 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 2 and 5, if more than 30% of the tree seedlings or saplings (1/4" to 4.5" DBH) are damaged, liquidated damages will be assessed at \$300 per acre for all acreage within that specified portion of the Sale Area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

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 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. These roads must be rendered impassable to cars and trucks. Contact the Sale Administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary highway and stream crossing permits that may be required.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference on site between the Purchaser and sale administrator is required prior to beginning any operations to determine landing and road locations. The Unit Manager or his/her representative must be contacted at least 5 days in advance to schedule the conference.

5.1.4 - Post-sale conference (10/16)

A post-sale conference on site between the Purchaser and sale administrator is required 2 days prior to the completion of active logging operations to determine clean-up and repair of landings, road edges, and the fulfillment of other contract specifications.

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

5.2.3.4 - Oak wilt restriction, no exceptions (1/18)

Within Payment Unit(s) 2 and 5, cutting, skidding, and hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. No exceptions will be granted. This is necessary to reduce the spread of oak wilt.

5.2.3.5 - Oak wilt restriction (1/18)

Within Payment Unit(s) 1, 3, and 4, unless changed by written agreement, cutting, skidding, hauling within the sale and brushing of access roads to the sale are not permitted during the period of April 15 to July 15. Operations may be allowed if specific steps are taken to prevent damaging uncut oak during the high risk period. Those steps may include completing all road brushing before April 15th and clearing a tree-length buffer along uncut oak cover before April 15th. This is necessary to reduce the spread of oak wilt. For more information, contact the Unit Manager or his/her representative.

5.2.3.11 - Coppice regeneration protection (4/10)

To promote aspen regeneration, timber harvesting in Payment Units 1, 3, and 4 must be completed before significant aspen sprouting occurs in that Payment Unit so as to minimize damage to the new regeneration. Any post harvest operations, such as chipping, must be completed before sprouting of regeneration occurs. If it is anticipated that chipping will be delayed, then tops shall be carried to one central location or left unchipped. The Unit Manager or his/her representative may cease such operations if sprouting occurs before the operation is complete.

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 9 inch diameter or larger log size pieces on the ground for every two acres within Payment Units 1, 3, and 4. They should be scattered throughout the sale or positioned per the Sale Administrator's instructions. If possible, the logs or trees should be felled so they overlap. Note these pieces should have a minimum length of five feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.

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 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 M-55 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
71-022-24

Date
09/24/2024

Forest Management Unit	County	Mapped By: Avery Sanborn
Roscommon Mgt Unit	Roscommon	Cruised By: Avery Sanborn

Scale	Page	Of
1:7,920	1	1

Township	Range	Section(s) and Subdivision(s)
22N	01W	Sec. 10 N1/2SW,SWSW;

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

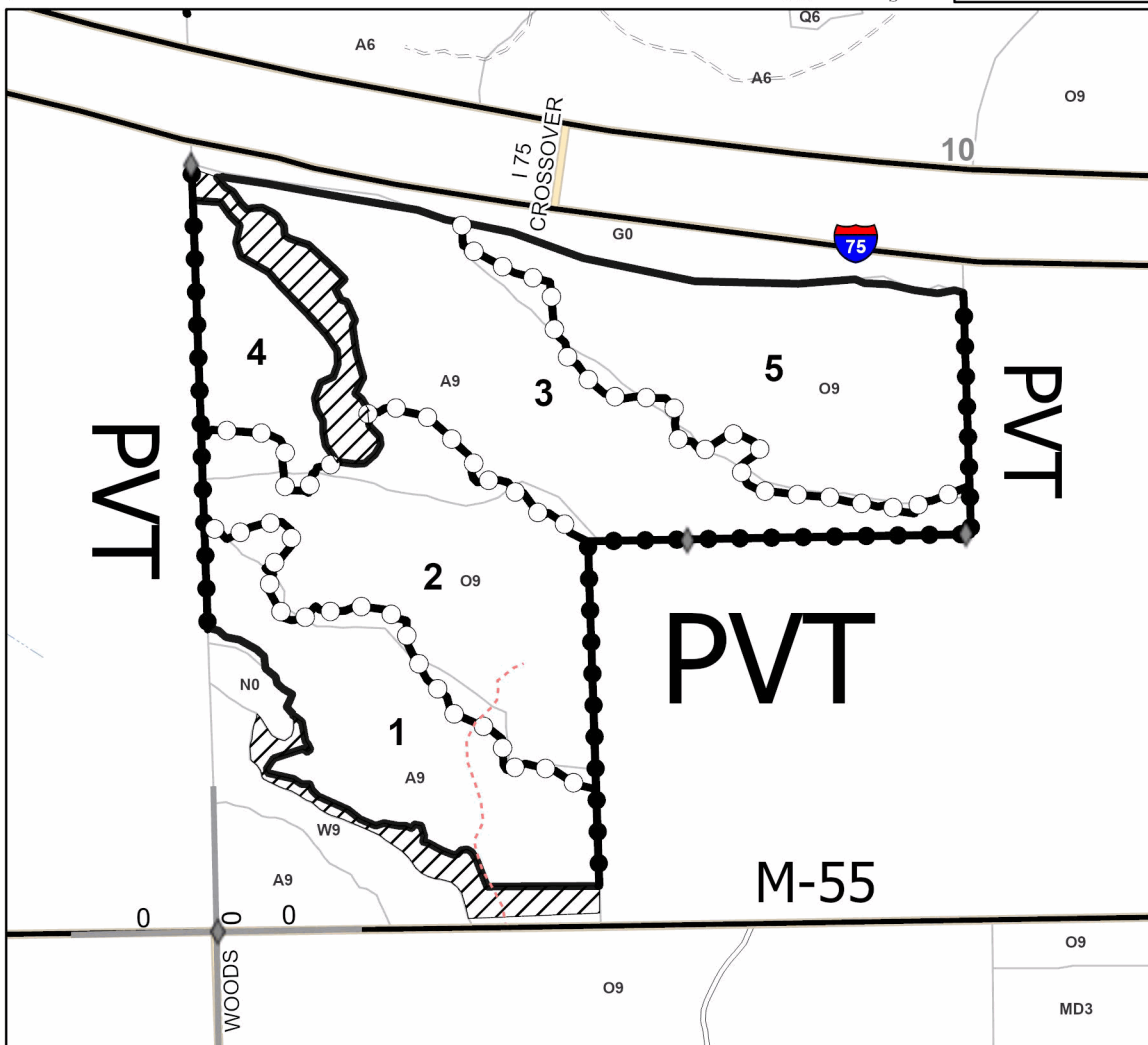
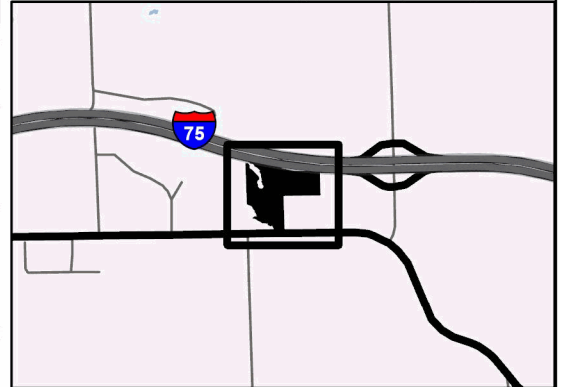
0 = Non Stocked	5 = Pole Timber Medium
1 = Seedling Sapling Poor	6 = Pole Timber Well
2 = Seedling Sapling Medium	7 = Saw Timber Poor
3 = Seedling Sapling Well	8 = Saw Timber Medium
4 = Pole Timber Poor	9 = Saw Timber Well

PU #	Acres
1	15.5
2	20.4
3	22.4
4	6.6
5	20.6

Highway Aspen Oak

85.5 Acres

Locator Map (1:200,000)



Legend

- Against State (Red)
- Stand
- Retention Areas
- Payment Unit (Yellow)
- Private Line (Blue)
- Paved Road
- County Road - Seasonal
- Secondary Forest Road
- Forest Access Route
- Administrative Access Only
- Non-DNR Road
- Highway
- Field Grade Corner
- MIRIS Section Corner

Use QR Code to open Map in App

