



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7207**

SCHEDULED SALE DATE AND TIME: **9:00 a.m. (local time) on March 28, 2023.**

LOCATION: **GAYLORD MGMT UNIT, 1732 WEST M 32, GAYLORD, MI 49735.**

PROSPECTUS NOTE: All bid openings for the Gaylord Management Unit (Gaylord Field Office and Indian River Field Office) will be held at the Gaylord Field Office regardless of sale location within the unit. All payments and contract executions will now be handled through the Gaylord Field Office. The Indian River Field Office will no longer accept payments or hard paper copies of timber sale bids. Payments for all contracts, use permits, bonds, etc. should be sent to the Gaylord Field Office.

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

Comp 105 Gaps West (52-121-22) / T37N, R06W, SEC. 27, E1/2NW,N1/2NE,SWNE,SW,SE.
T37N, R06W, SEC. 34, NW,NWNE,S1/2NE,N1/2SW,NWSE.
Emmet County, Advertised Price \$335,618.75, 138.3 Acres, Hardwood, Sugar Maple.

SALE NOTE: No extensions will be granted on contract. Excellent quality Hardwood.

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.

Comp 105 Gaps North (52-122-22) / T37N, R06W, SEC. 23, E1/2SW,SESE.
T37N, R06W, SEC. 24, SW,SE.
T37N, R06W, SEC. 25, NENW.
T37N, R06W, SEC. 26, E1/2NW,NWNE,S1/2NE,NESW.
Emmet County, Advertised Price \$162,671.10, 60.0 Acres, Hardwood, Sugar Maple.

SALE NOTE: No extensions will be granted on this contract. Good quality hardwood.

Comp 105 Gaps South (52-123-22) / T37N, R06W, SEC. 25, SWSW.
T37N, R06W, SEC. 35, NE,NESW,SE.
T37N, R06W, SEC. 36, NW,NE,N1/2SE,SESE.
Emmet County, Advertised Price \$210,651.95, 84.5 Acres, Hardwood, Sugar Maple.

SALE NOTE: No extensions will be granted on this contract. Good quality hardwoods.

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.

BID INSTRUCTIONS (VER. 10/10/2022):

1. Scheduled Bid Location, Date, and Time (2/11)

Bids must be received by the Unit Manager, GAYLORD OFFICE, 1732 West M 32, Gaylord, MI 49735, no later than 9:00 a.m. (local time) on March 28, 2023. For further information concerning this sale, contact Lucas Merrick at 989-732-3541 extension 5440.

2. Bidder's Qualifications (10/22)

If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale. A person must be 18 years of age or older to purchase timber. Permanent employees of the Department of Natural Resources or members of their immediate household may not bid. Former employees, in the permanent or seasonal class, may not bid until 3 months after the last day of active duty. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding or by completing the hardcopy Bid Form found in the Timber Sale Prospectus. Hardcopy Bid Forms shall be manually signed in ink. Registration in OLB is considered your 'signature' for all bids submitted thru that system. Bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding and all fill-in blanks must be completed. If erasures or other changes appear on the hardcopy Bid Form, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (5/16)

Bid forms may be obtained from the Unit Manager or thru OLB. Bids may be submitted hardcopy or thru OLB. All hardcopy bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening, as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

It is possible for a bidder to submit multiple bids on a single sale. For example, a bid may be submitted hardcopy and a bid may be submitted thru OLB. Or, two bidders from the same company could both submit bids on the same sale. If this were to happen, the State would accept all bids received and award the contract accordingly. All bidding and contractual requirements would apply to all bids received.

5. Public Opening of Sealed Bids (7/16)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes or announce the withdrawal of their online bid after being declared the successful bidder on one sale.

6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and

Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

9. Worker's Compensation (10/22)

Purchaser shall obtain worker's compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. Verification of Worker's Disability Compensation Act Compliance must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract. In addition, if applicable, Notice of Exclusion or Certificate of Insurance must also be submitted.

10. Timber Sale Contract (10/22)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 3 months after the first offense, 6 months after the second offense, and 1 year after the third offense. An offense will only be counted against the Bidder for 5 years. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

Payment Unit values in the State Forest Timber Sale Contract are calculated based on the advertised value of the Payment Unit as a percentage of the total advertised value of the contract. The advertised value of each Payment Unit is given in the Description of Timber by Payment Unit table on the Timber Sale Information page. For example, if the value of Payment Unit 1 is advertised as \$1,500 and the total Timber Sale value is advertised as \$10,000, the contract price for Payment Unit 1 will be 15% of the total bid price ($\$1,500/\$10,000 * 100$).

11. Disclaimer of Estimates and Bidder's Warranty of Inspection (10/22)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery. No reliance should be placed on the State of Michigan's estimates of timber quality, quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

12. Certification and Chain-of-Custody (10/22)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate #NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

13. Good Neighbor Authority (GNA) Requirements (10/22)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In

addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

14. Good Neighbor Authority (GNA) Requirements, con't (10/22)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

SHANNON LOTT, Acting
Director

TIMBER SALE INFORMATION

Comp 105 Gaps West (52-121-22)
T37N, R06W, SEC. 27; T37N, R06W, SEC. 34.
Emmet County (Advertised Price \$335,618.75)

SALE NOTE: No extensions will be granted on contract. Excellent quality Hardwood.

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.

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		
B. T. Aspen	4.8 MBF	\$ 54.00 / MBF
Basswood	58.3 MBF	\$ 67.00 / MBF
Beech	5.4 MBF	\$ 57.00 / MBF
Black Cherry	13.2 MBF	\$ 83.00 / MBF
Paper Birch	2.4 MBF	\$ 43.00 / MBF
Red Maple	57.7 MBF	\$ 109.00 / MBF
Sugar Maple	993.7 MBF	\$ 297.00 / MBF
Pulpwood		
B. T. Aspen	2 Cords	\$ 21.65 / Cord
Basswood	23 Cords	\$ 13.95 / Cord
Mixed Hardwood	1,670 Cords	\$ 16.85 / Cord
Paper Birch	2 Cords	\$ 12.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 11.04 percent. There are an estimated 4,250 cords on this timber sale, plus or minus 469 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 \$16,781.00 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	32.0%
02	27.8%
03	16.1%
04	13.1%
05	11.0%

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2025.

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
335,789	4,250	11.04%	3,781	4,720

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	165,611	2,096	14.26%	1,797	2,395
2	32,639	413	39.91%	248	578
85	96,390	1,220	21.34%	960	1,481
86	17,523	222	53.44%	103	340
87	23,626	299	60.61%	118	480
TOTAL:	335,789	4,250		3,226	5,275

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	54.3	1	35.2
		2	19.1
2	13.6	2	13.6
		3	6.0
		4	24.2
85	50.5	5	20.3
		3	9.6
86	9.6	3	9.6
87	10.3	3	10.3
TOTAL:	138.3		138.3

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	B. T. Aspen	Sawtimber	3.1	MBF	35.2	\$107,313.50	
	Basswood		27.6	MBF			
	Beech		3.5	MBF			
	Paper Birch		1.6	MBF			
	Sugar Maple		324.5	MBF			
	B. T. Aspen		Pulpwood	1			Cords
	Basswood			9			Cords
	Mixed Hardwood			504			Cords
	<i>Beech</i>			2			<i>Cords</i>
	<i>Sugar Maple</i>			502			<i>Cords</i>
Paper Birch	1	Cords					
2	B. T. Aspen	Sawtimber	1.7	MBF	32.7	\$93,372.00	
	Basswood		20.3	MBF			
	Beech		1.9	MBF			
	Black Cherry		5.1	MBF			
	Paper Birch		0.8	MBF			
	Sugar Maple		282.4	MBF			
	B. T. Aspen		Pulpwood	1			Cords
	Basswood			6			Cords
	Mixed Hardwood			437			Cords
	<i>Beech</i>			1			<i>Cords</i>
	<i>Black Cherry</i>			1			<i>Cords</i>
	<i>Striped Maple</i>			3			<i>Cords</i>
	<i>Sugar Maple</i>			423			<i>Cords</i>
	<i>Yellow Birch</i>			9			<i>Cords</i>
	Paper Birch			1			Cords
3	Basswood	Sawtimber	5.6	MBF	25.9	\$53,936.45	
	Black Cherry		8.1	MBF			
	Red Maple		12.5	MBF			
	Sugar Maple		157.7	MBF			
	Basswood		Pulpwood	4			Cords
	Mixed Hardwood			275			Cords
	<i>Black Cherry</i>			7			<i>Cords</i>
	<i>Ironwood</i>			8			<i>Cords</i>
	<i>Red Maple</i>			15			<i>Cords</i>
	<i>Sugar Maple</i>			245			<i>Cords</i>
4	Basswood	Sawtimber	2.6	MBF	24.2	\$44,051.65	
	Red Maple		24.6	MBF			
	Sugar Maple		124.6	MBF			
	Basswood		Pulpwood	2			Cords
	Mixed Hardwood			247			Cords
	<i>Ironwood</i>			2			<i>Cords</i>
	<i>Red Maple</i>			36			<i>Cords</i>
	<i>Sugar Maple</i>			209			<i>Cords</i>
5	Basswood	Sawtimber	2.2	MBF	20.3	\$36,945.15	
	Red Maple		20.6	MBF			
	Sugar Maple		104.5	MBF			
	Basswood		Pulpwood	2			Cords
	Mixed Hardwood			207			Cords
	<i>Ironwood</i>			2			<i>Cords</i>
	<i>Red Maple</i>			30			<i>Cords</i>
	<i>Sugar Maple</i>			175			<i>Cords</i>
TOTAL:			1,135.5	MBF			
TOTAL:			1,697	Cords			

Sale Specific Conditions & Requirements

Sale Name: Comp 105 Gaps West

Sale Number: 52-121-22 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary is marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.4 - Designated timber unit(s) (6/17)

Within Payment Unit(s) 1-5, all trees taller than 6' (feet) are designated for cutting regardless of merchantability.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

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.

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.

No damage is acceptable to undesignated live merchantable trees. Along skid trails between gaps, 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

4.1.4 - 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.

4.1.12 - No new roads (1/12)

No new roads will be permitted. All operations are limited to existing roads. Skid trails only will be allowed.

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.

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 locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.13 - Dispose of slash as directed (12/05)

Slash is to be disposed of as directed by the DNR Sale Administrator.

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.

5.2.38 - 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. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline.

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

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the 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 Purchaser will provide these signs.

7 - Other Conditions

7.2 - Extensions

7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract. This sale is already scheduled for planting.



TIMBER SALE MAP

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

Forest Management Unit	County	Mapped By	Date	Page	of
GFMU - Indian River Field Office	Emmet	TSP	02/28/2023	1	2
Township	Range	Section(s) and Subdivision(s)	Scale		
37N	06W	Sections 27 and 34	1:15,840		
Cruised By					
Gaylord Staff					

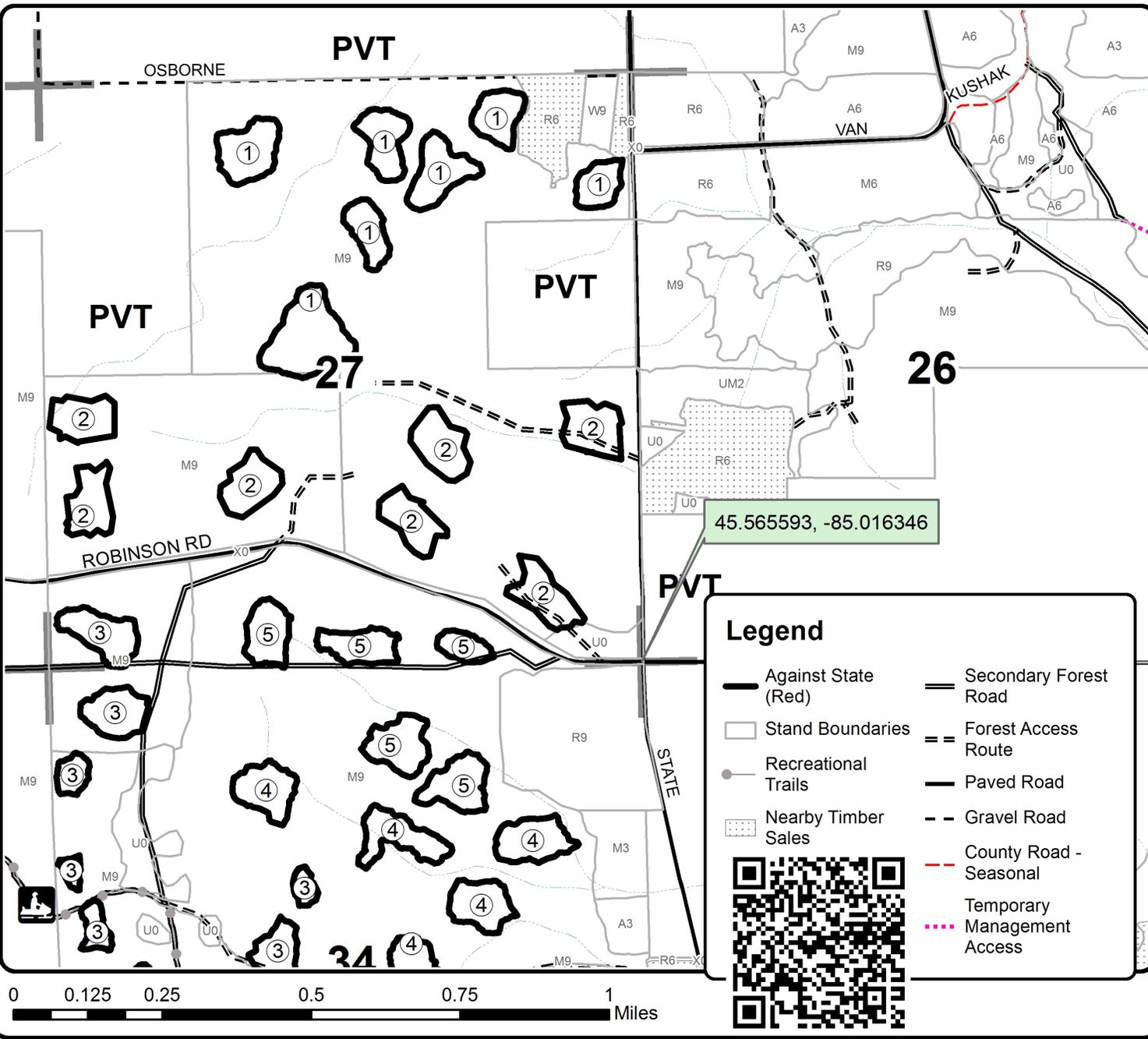
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	35.2	4	24.2
2	32.7	5	20.3
3	25.9		

Comp 105 Gaps West

Compartment 105

138.3 Acres





TIMBER SALE MAP

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

Sale Number	Year
52 - 121	22

Forest Management Unit	County	Mapped By	Date	Page	of
GFMU - Indian River Field Office	Emmet	TSP	02/28/2023	2	2
Township	Range	Section(s) and Subdivision(s)	Scale		
37N	06W	Sections 27 and 34	1:15,840		

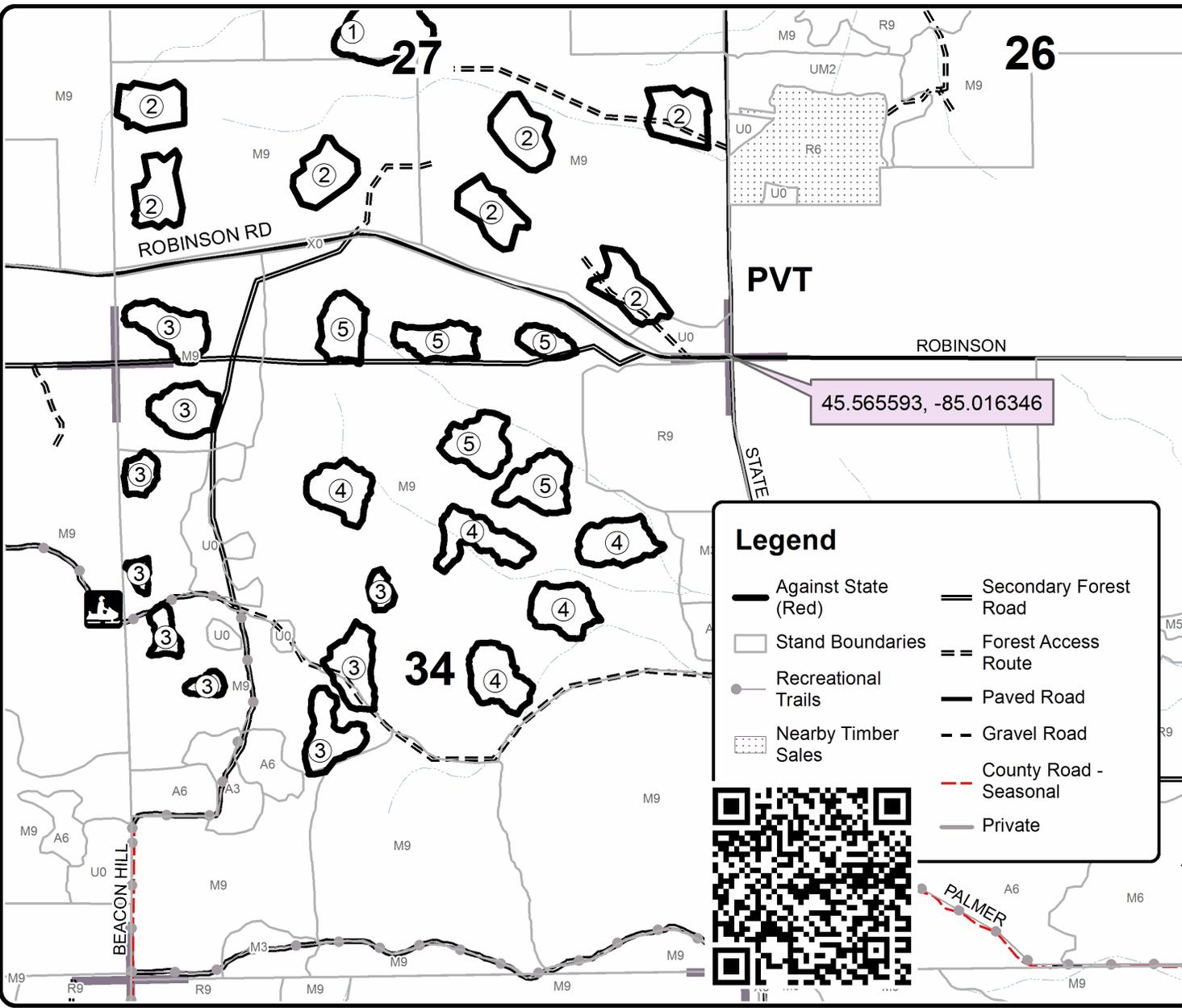
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	35.2	4	24.2
2	32.7	5	20.3
3	25.9		

Comp 105 Gaps West

Compartment 105

138.3 Acres



TIMBER SALE INFORMATION

Comp 105 Gaps North (52-122-22)

T37N, R06W, SEC. 23; T37N, R06W, SEC. 24; T37N, R06W, SEC. 25; T37N, R06W, SEC. 26.
Emmet County (Advertised Price \$162,671.10)

SALE NOTE: No extensions will be granted on this contract. Good quality hardwood.

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		
American Elm	3.1 MBF	\$ 34.00 / MBF
Basswood	24.4 MBF	\$ 67.00 / MBF
Beech	5.3 MBF	\$ 57.00 / MBF
Black Cherry	12.2 MBF	\$ 83.00 / MBF
Red Maple	7.5 MBF	\$ 109.00 / MBF
Sugar Maple	465.4 MBF	\$ 297.00 / MBF
White Ash	16.3 MBF	\$ 86.00 / MBF
Pulpwood		
Basswood	24 Cords	\$ 13.95 / Cord
Mixed Hardwood	1,118 Cords	\$ 16.85 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 14.87 percent. There are an estimated 2,375 cords on this timber sale, plus or minus 353 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 \$8,134.00 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	15.4%
02	31.8%
03	15.7%
04	37.1%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2025.

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
187,616	2,375	14.87%	2,022	2,728

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
8	27,704	351	54.02%	161	540
9	8,398	106	598.99%	530	743
18	53,944	683	44.47%	379	987
20	13,658	173	67.77%	56	290
32	33,836	428	34.69%	280	577
35	50,077	634	20.25%	506	762
TOTAL:	187,616	2,375		851	3,899

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
8	9.3	1	9.3
9	2.7	1	2.7
18	14.7	2	14.7
20	3.9	2	3.9
32	14.6	3	14.6
35	14.8	4	14.8
TOTAL:	60.0		60.0

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE	
1	American Elm	Sawtimber	1.7	MBF	12.0	\$25,105.50	
	Basswood		7.7	MBF			
	Sugar Maple		67.2	MBF			
	Basswood		Pulpwood	15			Cords
	Mixed Hardwood			259			Cords
	<i>American Elm</i>			5			<i>Cords</i>
	<i>Sugar Maple</i>			245			<i>Cords</i>
	<i>White Ash</i>			9			<i>Cords</i>
2	American Elm	Sawtimber	1.4	MBF	18.6	\$51,780.20	
	Basswood		2.2	MBF			
	Black Cherry		12.2	MBF			
	Red Maple		7.5	MBF			
	Sugar Maple		140.9	MBF			
	White Ash		4.6	MBF			
	Basswood		Pulpwood	1			Cords
	Mixed Hardwood			445			Cords
	<i>American Elm</i>			7			<i>Cords</i>
	<i>Beech</i>			27			<i>Cords</i>
	<i>Black Cherry</i>			40			<i>Cords</i>
	<i>Ironwood</i>			30			<i>Cords</i>
	<i>Red Maple</i>			37			<i>Cords</i>
	<i>Sugar Maple</i>			300			<i>Cords</i>
	<i>White Ash</i>			4			<i>Cords</i>
	3			Basswood			Sawtimber
Sugar Maple		69.7	MBF				
Basswood		Pulpwood	6	Cords			
Mixed Hardwood			247	Cords			
<i>Beech</i>			24	<i>Cords</i>			
<i>Ironwood</i>			8	<i>Cords</i>			
<i>Sugar Maple</i>	215	<i>Cords</i>					
4	Basswood	Sawtimber	4.9	MBF	14.8	\$60,195.65	
	Beech		5.3	MBF			
	Sugar Maple		187.6	MBF			
	White Ash		11.7	MBF			
	Basswood		Pulpwood	2			Cords
	Mixed Hardwood			167			Cords
	<i>Beech</i>			2			<i>Cords</i>
	<i>Ironwood</i>			6			<i>Cords</i>
	<i>Sugar Maple</i>			156			<i>Cords</i>
	<i>White Ash</i>			3			<i>Cords</i>
TOTAL:			534.2	MBF			
TOTAL:			1,142	Cords			

Sale Specific Conditions & Requirements

Sale Name: Comp 105 Gaps North

Sale Number: 52-122-22 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary is marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.4 - Designated timber unit(s) (6/17)

Within Payment Unit(s) 1-4, all trees taller than 6' (feet) are designated for cutting regardless of merchantability.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-4 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.

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.

No damage is acceptable to undesignated live merchantable trees. Along the skid trails between gaps, 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

4.1.4 - 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.

4.1.12 - No new roads (1/12)

No new roads will be permitted. All operations are limited to existing roads. Skid trails only will be allowed.

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.

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 locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.13 - Dispose of slash as directed (12/05)

Slash is to be disposed of as directed by the DNR Sale Administrator.

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.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.40 - Pathway protection (10/10)

The hiking trail is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator.

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 1st. 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. All stumps within 20 feet of the snowmobile trail must be cut at ground level.

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

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the snow mobile 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 Purchaser will provide these signs.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the hiking trail prior to beginning operations. The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

7 - Other Conditions

7.2 - Extensions

7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract. This sale is already scheduled for planting.



TIMBER SALE MAP

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

Forest Management Unit GFMU - Indian River Field Office	County Emmet	Mapped By TSP	Date 02/28/2023	Page 1	of 1
Township 37N	Range 06W	Section(s) and Subdivision(s) Sections 23, 24, 25, 26	Scale 1:15,840		

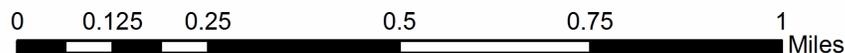
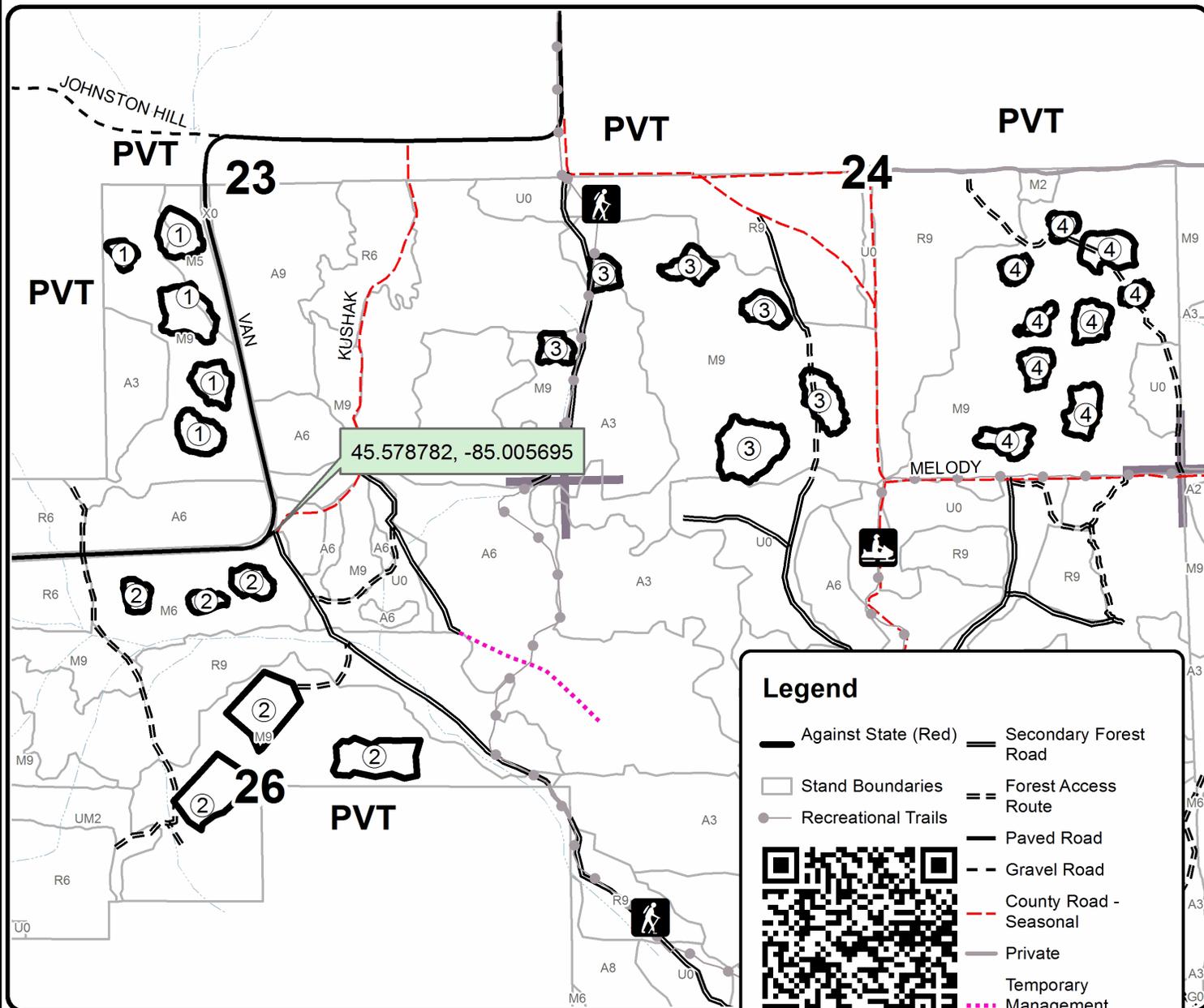
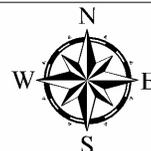
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	12.0	4	14.8
2	18.6		
3	14.6		

Comp 105 Gaps North

Compartment 105

60.0 Acres



TIMBER SALE INFORMATION

Comp 105 Gaps South (52-123-22)
 T37N, R06W, SEC. 25; T37N, R06W, SEC. 35; T37N, R06W, SEC. 36.
 Emmet County (Advertised Price \$210,651.95)

SALE NOTE: No extensions will be granted on this contract. Good quality hardwoods.

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.

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		
B. T. Aspen	21.3 MBF	\$ 54.00 / MBF
Beech	6.3 MBF	\$ 57.00 / MBF
Black Cherry	13.3 MBF	\$ 83.00 / MBF
Ironwood	1.5 MBF	\$ 34.00 / MBF
Paper Birch	8.2 MBF	\$ 43.00 / MBF
Red Maple	14.8 MBF	\$ 109.00 / MBF
Sugar Maple	606.4 MBF	\$ 297.00 / MBF
Pulpwood		
B. T. Aspen	25 Cords	\$ 21.65 / Cord
Mixed Hardwood	1,504 Cords	\$ 16.85 / Cord
Paper Birch	3 Cords	\$ 12.50 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 12.87 percent. There are an estimated 3,109 cords on this timber sale, plus or minus 400 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 \$10,533.00 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	50.6%
02	12.2%
03	37.2%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2025.

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
245,594	3,109	12.87%	2,709	3,509

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.

VDU	VOLUME		PERCENT ERROR	RANGE IN CORDS	
	TOTAL CUBIC FEET	TOTAL CORDS		MINIMUM	MAXIMUM
50	27,094	343	53.35%	160	526
60	54,039	684	16.71%	570	798
63	27,818	352	50.12%	176	529
67	12,061	153	52.71%	72	233
76	24,464	310	45.42%	169	450
78	100,118	1,267	24.03%	963	1,572
TOTAL:	245,594	3,109		2,109	4,108

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
50	11.2	2	11.2
60	16.7	3	16.7
63	13.3	3	13.3
67	6.1	2	6.1
76	8.3	1	8.3
78	28.9	1	28.9
TOTAL:	84.5		84.5

DESCRIPTION OF TIMBER BY PAYMENT UNIT (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	B. T. Aspen	Sawtimber	13.9	MBF	37.2	\$106,702.80
	Beech		2.0	MBF		
	Black Cherry		3.3	MBF		
	Sugar Maple	310.6	MBF			
	B. T. Aspen	Pulpwood	15	Cords		
	Mixed Hardwood		771	Cords		
	<i>Beech</i>		5	<i>Cords</i>		
	<i>Black Cherry</i>		15	<i>Cords</i>		
	<i>Sugar Maple</i>		751	<i>Cords</i>		
2	B. T. Aspen	Sawtimber	7.4	MBF	17.3	\$25,660.55
	Black Cherry		2.4	MBF		
	Ironwood		1.5	MBF		
	Paper Birch		8.2	MBF		
	Red Maple		9.3	MBF		
	Sugar Maple		62.7	MBF		
	B. T. Aspen		Pulpwood	10		
	Mixed Hardwood	283		Cords		
	<i>Black Cherry</i>	10		<i>Cords</i>		
	<i>Ironwood</i>	20		<i>Cords</i>		
	<i>Red Maple</i>	23		<i>Cords</i>		
	<i>Sugar Maple</i>	230		<i>Cords</i>		
	Paper Birch	3	Cords			
3	Beech	Sawtimber	4.3	MBF	30.0	\$78,288.60
	Black Cherry		7.6	MBF		
	Red Maple		5.5	MBF		
	Sugar Maple		233.1	MBF		
	Mixed Hardwood	Pulpwood	450	Cords		
	<i>Beech</i>		13	<i>Cords</i>		
	<i>Black Cherry</i>		9	<i>Cords</i>		
	<i>Ironwood</i>		7	<i>Cords</i>		
	<i>Red Maple</i>		8	<i>Cords</i>		
	<i>Sugar Maple</i>		413	<i>Cords</i>		
TOTAL:			671.8	MBF		
TOTAL:			1,532	Cords		

Sale Specific Conditions & Requirements

Sale Name: Comp 105 Gaps South

Sale Number: 52-123-22 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary is marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.4 - Designated timber unit(s) (6/17)

Within Payment Unit(s) 1-3, all trees taller than 6' (feet) are designated for cutting regardless of merchantability.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH. This is in order to facilitate planting operations. A written waiver of this requirement may be obtained if wet summer weather makes winter logging necessary.

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

3.3 - Pre-measured Sales

3.3.4 - Dividing payment units (7/14)

Payment Unit(s) 1-3 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.

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.

No damage is acceptable to undesignated live merchantable trees. Along the skid trails between gaps, 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

4.1.4 - 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.

4.1.12 - No new roads (1/12)

No new roads will be permitted. All operations are limited to existing roads. Skid trails only will be allowed.

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.

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 locations. The Unit Manager or his/her representative must be contacted at least 3 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.13 - Dispose of slash as directed (12/05)

Slash is to be disposed of as directed by the DNR Sale Administrator.

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.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.2.40 - Pathway protection (10/10)

The hiking trail is shown on the Timber Sale Map. Do not cut trees or damage posts with blue pathway markers. Maintain a 20-foot wide slash, debris, and rut free zone daily, using the pathway as the centerline. Do not run equipment down the pathway. Skidding across the trail may only occur in locations approved by the sale administrator.

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. The snowmobile trail may not be used for any timber sale operations from December 1 to March 31. Maintain a 20 foot wide slash, debris, and rut free zone daily using the snowmobile trail as the centerline.

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

6.2.2 - Snowmobile trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the 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 Purchaser will provide these signs.

6.2.3 - Recreational trail posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on the Hiking trail prior to beginning operations. The trail must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic at both ends of the trail. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

7 - Other Conditions

7.2 - Extensions

7.2.2 - No extensions (3/09)

There will be no extensions granted on this contract. This sale is already scheduled for planting.



TIMBER SALE MAP

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

Forest Management Unit	County	Mapped By	Date	Page	of
GFMU - Indian River Field Office	Emmet	TSP	02/28/2023	1	1
Township	Range	Section(s) and Subdivision(s)	Scale		
37N	06W	Sec. 25: SWSW; 35: NE, SE, SW; 36: NW, NE, SE	1:15,840		

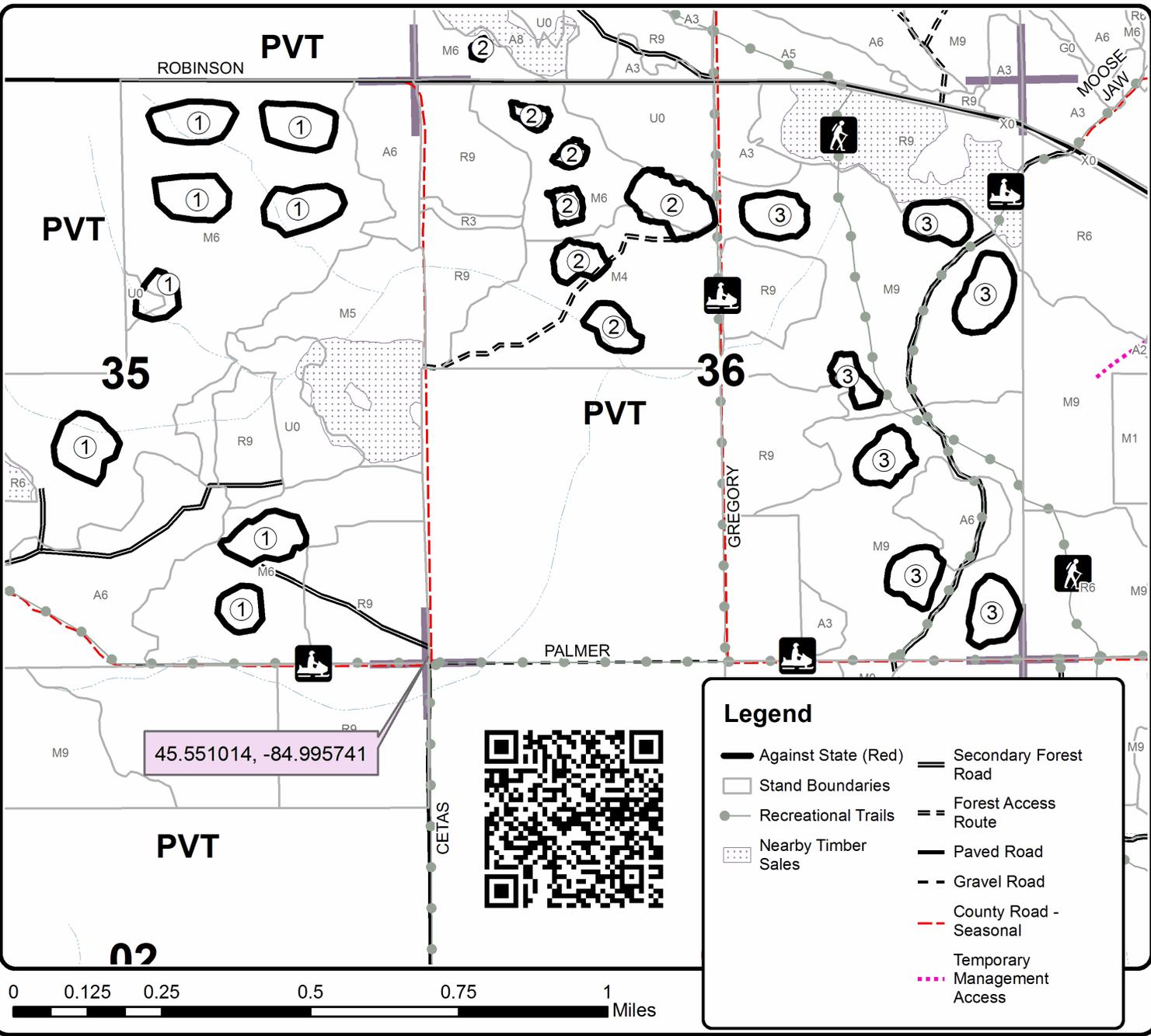
Cover Type				Density	
A = Aspen	H = Hemlock	N = Marsh	U = Upland Brush	0 = Non Stocked	5 = Pole Timber Medium
B = Paper Birch	J = Jack Pine	O = Oak	UM = Upland Mixed	1 = Seedling Sapling Poor	6 = Pole Timber Well
C = Cedar	L = Lowland Brush	P = Lowland Poplar	V = Bog or Marsh	2 = Seedling Sapling Medium	7 = Saw Timber Poor
D = Treed Bog	LM = Lowland Mixed	Q = Mixed Swamp Conifer	W = White Pine	3 = Seedling Sapling Well	8 = Saw Timber Medium
E = Swamp Hdwoods	M = Mpl, Bch, Brch	R = Red Pine	X = Non Stocked	4 = Pole Timber Poor	9 = Saw Timber Well
F = Spruce Fir	MC = Mixed Conifer	S = Black Spruce	Z = Water		
G = Grass	MD = Mixed Deciduous	T = Tamarack			

PU	Acres	PU	Acres
1	37.2		
2	17.3		
3	30.0		

Comp 105 Gaps South

Compartment 105

84.5 Acres



Comp 105 Gaps North (52-122-22)
T37N, R06W, SEC. 23; T37N, R06W, SEC. 24; T37N, R06W, SEC. 25; T37N,

In response to the notice of sale to be held 9:00 a.m. (local time) on March 28, 2023, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
American Elm	3.1 MBF	\$ 34.00/MBF	\$ _____
Basswood	24.4 MBF	\$ 67.00/MBF	\$ _____
Beech	5.3 MBF	\$ 57.00/MBF	\$ _____
Black Cherry	12.2 MBF	\$ 83.00/MBF	\$ _____
Red Maple	7.5 MBF	\$ 109.00/MBF	\$ _____
Sugar Maple	465.4 MBF	\$ 297.00/MBF	\$ _____
White Ash	16.3 MBF	\$ 86.00/MBF	\$ _____
Pulpwood			
Basswood	24 Cords	\$ 13.95/Cord	\$ _____
Mixed Hardwood	1,118 Cords	\$ 16.85/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 14.87 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: ____ - ____ - ____ or SOCIAL SECURITY NUMBER: ____ - ____ - ____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY
Sale Number (XX - XXX - XX - XX)
Forest Management Unit:

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

*As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.*

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

- This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.
- In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.
- All information must be typed or printed except for written signatures.

Please Check Appropriate Categories:

1. My business is organized as (you **must** check one of the boxes below):
 - A. Sole Proprietorship (individual)
 - B. Partnership
 - C. Corporation
2. You **must** check one of the boxes below:
 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Comp 105 Gaps South (52-123-22)
T37N, R06W, SEC. 25; T37N, R06W, SEC. 35; T37N, R06W, SEC. 36; Emmet

In response to the notice of sale to be held 9:00 a.m. (local time) on March 28, 2023, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
B. T. Aspen	21.3 MBF	\$ 54.00/MBF	\$ _____
Beech	6.3 MBF	\$ 57.00/MBF	\$ _____
Black Cherry	13.3 MBF	\$ 83.00/MBF	\$ _____
Ironwood	1.5 MBF	\$ 34.00/MBF	\$ _____
Paper Birch	8.2 MBF	\$ 43.00/MBF	\$ _____
Red Maple	14.8 MBF	\$ 109.00/MBF	\$ _____
Sugar Maple	606.4 MBF	\$ 297.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	25 Cords	\$ 21.65/Cord	\$ _____
Mixed Hardwood	1,504 Cords	\$ 16.85/Cord	\$ _____
Paper Birch	3 Cords	\$ 12.50/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 12.87 percent at 95% confidence level. These estimated volumes 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.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

As required by Act 317, P.A. 1969 (Worker's Compensation) and
Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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 - A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws.
 - B. I certify my business has satisfied its obligation to the Worker's Compensation Act through the use of an approved Notice of Exclusion (BWC-337, Rev. 5/96). I will provide a copy of the Notice of Exclusion within 21 days of the contract award. (For questions or a copy of the BWC-337, please call the Worker's Compensation Bureau at 517-322-1195).
 - C. I certify my business has a Worker's Compensation Policy. I will provide an original Certificate of Insurance within twenty-one (21) days of the contract award.
3. If you have checked item 2(A) or 2(B), you **must** indicate the number of **both** full-time and part-time employees, other than yourself, including family members and active partners (if none, you must enter "0").

_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
Address		Telephone ()	
City	State	ZIP	

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

Please complete the "SEALED BID" information on the next page

Comp 105 Gaps West (52-121-22)
T37N, R06W, SEC. 27; T37N, R06W, SEC. 34; Emmet COUNTY

In response to the notice of sale to be held 9:00 a.m. (local time) on March 28, 2023, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

<u>PRODUCTS & SPECIES</u>	<u>ESTIMATED VOLUME*</u>	<u>ADVERTISED PRICE</u>	<u>BID PRICE/UNIT</u>
Sawtimber			
B. T. Aspen	4.8 MBF	\$ 54.00/MBF	\$ _____
Basswood	58.3 MBF	\$ 67.00/MBF	\$ _____
Beech	5.4 MBF	\$ 57.00/MBF	\$ _____
Black Cherry	13.2 MBF	\$ 83.00/MBF	\$ _____
Paper Birch	2.4 MBF	\$ 43.00/MBF	\$ _____
Red Maple	57.7 MBF	\$ 109.00/MBF	\$ _____
Sugar Maple	993.7 MBF	\$ 297.00/MBF	\$ _____
Pulpwood			
B. T. Aspen	2 Cords	\$ 21.65/Cord	\$ _____
Basswood	23 Cords	\$ 13.95/Cord	\$ _____
Mixed Hardwood	1,670 Cords	\$ 16.85/Cord	\$ _____
Paper Birch	2 Cords	\$ 12.50/Cord	\$ _____

*The volumes are statistically estimated within plus (+) or minus (-) 11.04 percent at 95% confidence level. These estimated volumes 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.

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FEDERAL ID: _____ or SOCIAL SECURITY NUMBER: _____

Company or individual bidding: _____

Company representative's name: _____

Address: _____

City: _____ State: _____ Zip: _____

IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.

Individual or company representative's signature: _____ Date: _____

Phone number : _____ Email (optional): _____

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FOR DEPARTMENT USE ONLY	
Sale Number (XX - XXX - XX - XX)	
Forest Management Unit:	

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

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_____ Full-time Employees

_____ Part-time Employees

Name of Business		Federal ID (or) Social Security No.	
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I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

Date

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