



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7602**

SCHEDULED SALE DATE AND TIME: 9:00 a.m. (local time) on March 24, 2025.

LOCATION: GRAYLING MGMT UNIT, 1955 HARTWICK PINES ROAD, GRAYLING, MI 49738.

CONTACT NAME: Scott McClarren

PHONE NUMBER: (989) 348-6371

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

Little Shop of Borers (72-601-25) / T27N, R01W, SEC. 7 , NENE,S1/2SE.

T27N, R01W, SEC. 8 , NWNW,S1/2NW,NWSW,SESW,SWSE.

Crawford County, Advertised Price \$90,941.40, 94.7 Acres, Jack Pine, Red Pine.

SALE NOTE: This sale falls on National Guard long-term lease lands and is subject to training restrictions and is non-certified. Furthermore, this sale must be chipped for this reason as well as for follow up planting operations. Payment Unit 3 is an applied raptor nest buffer that may be dropped if deemed active by the unit biologist. This contract is for two years and will not allow for extensions due to planting schedules.

TIMBER SALE INFORMATION

Little Shop of Borers (72-601-25)
 T27N, R01W, SEC. 7; T27N, R01W, SEC. 8.
 Crawford County (Advertised Price \$90,941.40)

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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 & SPECIES</u>	<u>ESTIMATED UNITS*</u>	<u>ADVERTISED PRICE</u>
Sawtimber		
Black/Red (Hybrid) Oak	9.6 MBF	\$ 138.00 / MBF
Northern Pin Oak	5.3 MBF	\$ 138.00 / MBF
Pulpwood		
B. T. Aspen	21 Cords	\$ 26.15 / Cord
Black Cherry	1 Cords	\$ 32.15 / Cord
Jack Pine	278 Cords	\$ 23.35 / Cord
Misc. Species 2	7 Cords	\$ 5.00 / Cord
Mixed Oak	103 Cords	\$ 24.80 / Cord
Red Maple	8 Cords	\$ 32.15 / Cord
Red Pine	1,640 Cords	\$ 48.15 / Cord

* The total volume is statistically estimated within plus (+) or minus (-) 15.66 percent. There are an estimated 2,093 cords on this timber sale, plus or minus 328 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 \$4,547.07 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	38.3%
02	23.4%
03	4.5%
04	21.0%
05	12.8%
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 03/31/2027.

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
165,323	2,093	15.66%	1,765	2,420

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
33	32,913	417	29.60%	293	540
41	132,410	1,676	18.24%	1,370	1,982
TOTAL:	165,323	2,093		1,664	2,522

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
33	35.8	5	35.8
41	58.9	1	25.9
41	58.9	2	15.8
41	58.9	3	3.0
41	58.9	4	14.2
TOTAL:	271.4		94.7

DESCRIPTION OF TIMBER BY PU (PU)

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Northern Pin Oak	Sawtimber	1.5	MBF	25.9	\$34,841.50
	Jack Pine	Pulpwood	20	Cords		
	Mixed Oak		7	Cords		
	<i>Northern Pin Oak</i>		7	<i>Cords</i>		
	Red Pine		706	Cords		
2	Northern Pin Oak	Sawtimber	0.9	MBF	15.8	\$21,281.05
	Jack Pine	Pulpwood	12	Cords		
	Mixed Oak		5	Cords		
	<i>Northern Pin Oak</i>		5	<i>Cords</i>		
	Red Pine		431	Cords		
3	Northern Pin Oak	Sawtimber	0.2	MBF	3.0	\$4,047.40
	Jack Pine	Pulpwood	2	Cords		
	Mixed Oak		1	Cords		
	<i>Northern Pin Oak</i>		1	<i>Cords</i>		
	Red Pine		82	Cords		
4	Northern Pin Oak	Sawtimber	0.8	MBF	14.2	\$19,100.50
	Jack Pine	Pulpwood	11	Cords		
	Mixed Oak		4	Cords		
	<i>Northern Pin Oak</i>		4	<i>Cords</i>		
	Red Pine		387	Cords		
5	Black/Red (Hybrid	Sawtimber	9.6	MBF	35.8	\$11,670.95
	Northern Pin Oak		1.9	MBF		
	B. T. Aspen	Pulpwood	21	Cords		
	Black Cherry		1	Cords		
	Jack Pine		233	Cords		
	Misc. Species 2		7	Cords		
	Mixed Oak		86	Cords		
	<i>/Red (Hybrid) Oak</i>		64	<i>Cords</i>		
	<i>Northern Pin Oak</i>		11	<i>Cords</i>		
	<i>White Oak</i>		11	<i>Cords</i>		
	Red Maple		8	Cords		
	Red Pine		34	Cords		
	TOTAL:			14.9		
TOTAL:			2,058	Cords		

Sale Specific Conditions & Requirements

Sale Name: Little Shop of Borers

Sale Number: 72-601-25 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, as well as roads. 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, with the exception of the interior Payment Unit boundary between Payment Units 1 and 2 which is unpainted and designated by High Banks Road. Retention patches are marked with red paint; no harvesting activities may occur within these areas. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid. The external red painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. However, the external boundary trees that are shared with the adjacent Timber Sale may be harvested. Work with the Sale Administrator to determine if these sale boundary trees may be removed, and how processing of the added volume will be handled. Legacy tree designation supersedes this designation and are to be retained.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut Unit(s) with Unmerchantable Trees (6/14)

Within Payment Unit(s) 1-5, cut all trees that are two (2) inches or more at DBH, except do not cut any trees marked with green paint above and below stump height.

Special protection trees identified in accordance with condition 3.4.2, within clearcutting unit boundaries, are not Included Timber and are to be protected.

Special protection areas identified in accordance with condition 3.4.3, within clearcutting unit boundaries, are not Included Timber and are to be protected.

2.1.11 - Description of Timber Note (2/04)

Note that Misc. Species 2 is dead oak.

2.2 - Utilization

2.2.2 - Chipping Required (12/24)

Payment Units 1-5 must be chip harvested to facilitate subsequent planting operations and to meet National Guard requirements. However, the chipping requirement could be waived with military approval, if chip markets are depressed. The Purchaser has the option to produce sawlogs or pulpwood bolts, but the remaining portion of the trees must be chipped and hauled. The requirement to retain approximately 1/6 to 1/3 of treetops and limbs less than four (4) inches in diameter does not apply (G. C. & R. 2.2). This is because this is non-certified military land.

2.2.3 - Stump heights (4/07)

Stump heights within the Sale Area shall not exceed 6 inches for all trees. This is in order to facilitate both military and subsequent planting operations.

3 - Payments

3.4 - Damaged Timber

3.4.2 - Special Protection Trees (4/14)

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are legacy trees designated with green paint above and below stump height. If the Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$500 as fixed, agreed and liquidated damages for each

special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

3.4.3 - Special Protection Areas (8/11)

The Purchaser shall protect special protection areas from damage by the Purchaser's operations. Special protection areas are marked with a red boundary line and will be designated on the Timber Sale Map. The Purchaser shall not cut live or dead trees within special protection areas. If the Purchaser's operations have cut or damaged special protection areas through carelessness, the Purchaser shall pay \$1000 as fixed, agreed and liquidated damages for each acre or part thereof cut or damaged. Such payment does not constitute ownership of the undesignated 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 chipped, utilized or otherwise removed from the sale. 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 upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. Temporary berms may be required if no sale activity occurs for 30 or more consecutive days. Contact the Sale Administrator for specific details of design and placement.

4.1.11 - Permits (2/12)

The Purchaser will secure any necessary permits that may be required.

5 - Operations

5.1 - Notification

5.1.5 - National Guard notification (2/15)

This sale is upon lands utilized for training by the Michigan National Guard - Camp Grayling. A minimum of five (5) business days prior to opening this sale, the producer must request that the sale administrator contact the military for information regarding training plans that may impact sale operations.

5.2 - Conduct of Operations

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den Trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.7 - National Guard training restriction (1/09)

Operations on this contract may not be allowed during National Guard training operations. Typically, the restricted period is from May 1 to October 31. The contractor must check with the Unit Manager who will coordinate the cutting schedule with the Military.

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.

5.8 - Protection of Endangered Species

5.8.1 - Kirtland's Warbler (1) (4/24)

This sale is adjacent to a young jack pine stand which may be used by the Kirtland's Warbler. The Department reserves the right to temporarily restrict all harvesting operations in a buffer zone of up to 500 feet if it is determined that Warbler territory has been established in the adjacent stand. The restricted period, if put into effect, would apply from May 1 to August 15.

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 onsite evaluation and recommendation can be made, if necessary.

In addition, Payment Unit 3 reflects a potential buffer around a found raptor, stick nest. The Wildlife Division must verify that the nest isn't active prior to Payment Unit 3 being harvested. If it is found to be an active nest, a Timber Sale Contract Amendment will be processed to drop these acres from the sale.

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 both High Banks Road and Bucks East and West Truck Trail prior to beginning operations. The road must be posted at appropriate distances from the Sale Area that are agreed upon by the Sale Administrator 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 is to align the planting treatment schedule of this sale with the adjacent Timber Sale's planting schedule.

7.10 - Certified Timber

7.10.1 - Non-Certified Timber (2/16)

The area encompassed by this timber sale is not certified to the standards of the Forest Stewardship Council (FSC) or the Sustainable Forestry Initiative (SFI). Forest products from this sale may not be delivered to the mill as "FSC and / or SFI certified". The lands within this sale are managed for military training.



TIMBER SALE MAP

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

Sale Number 72-601-25	Date 01/10/2025	
Scale 1:15,840	Page 1	Of 1

Forest Management Unit Grayling Mgt Unit	County Crawford	Mapped By: Jake Halabut Cruised By: Jake Halabut
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Township 27N	Range 01W	Section(s) and Subdivision(s) Sec. 7 NENE,S1/2SE; Sec. 8 NWNW,S1/2NW,NWSW,SESW,SWSE;
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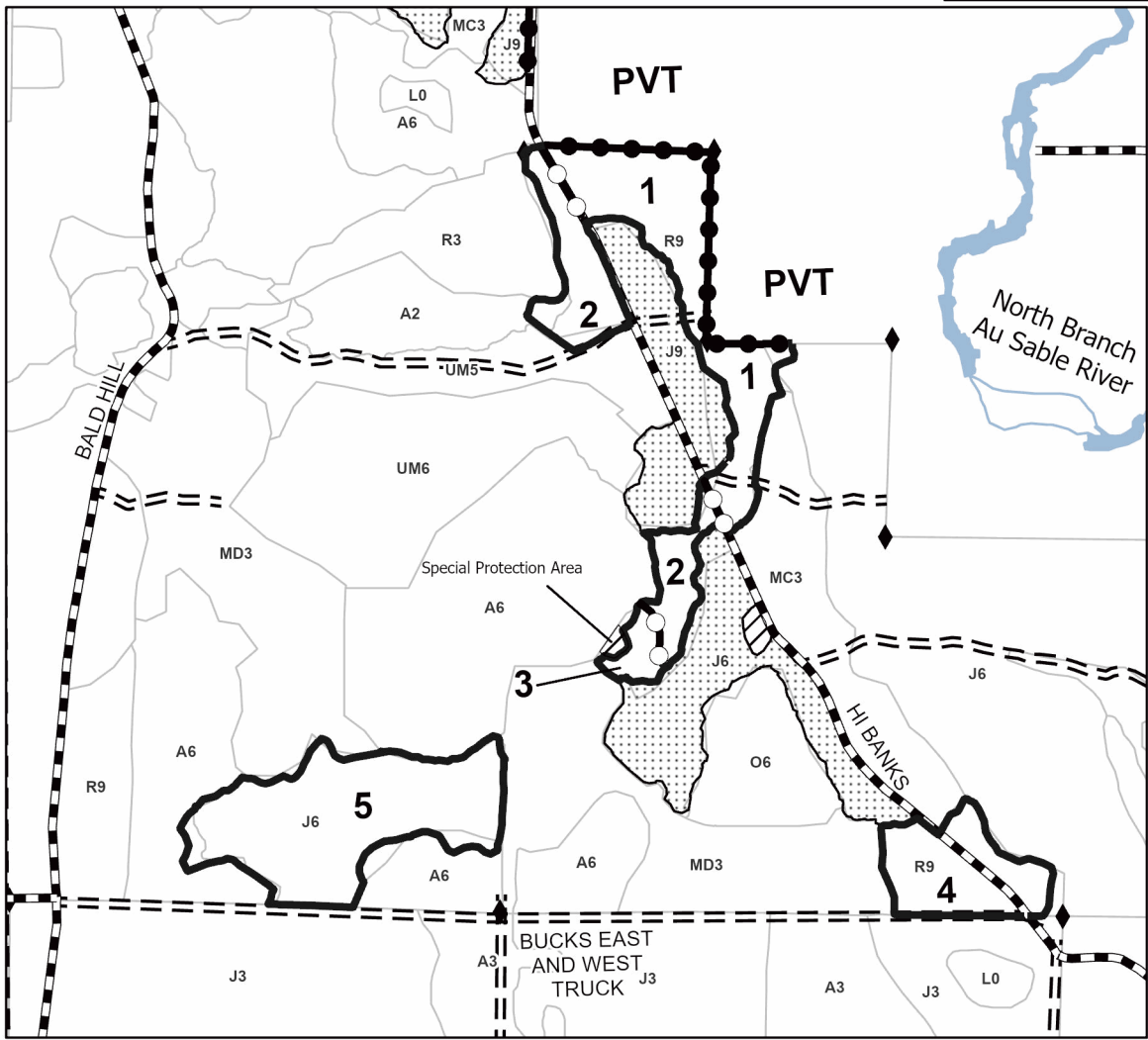
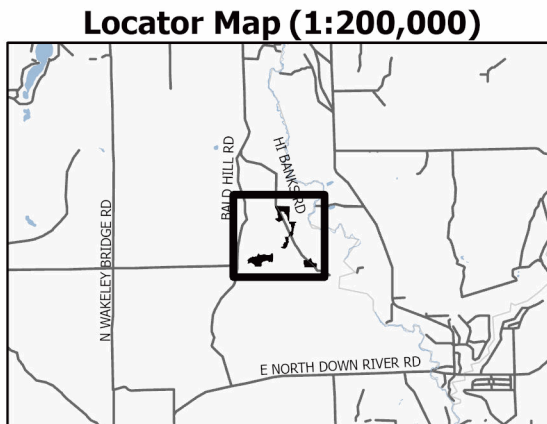
Cover Type			
A = Aspen	J = Jack Pine	O = Oak	U = Upland Brush
B = Paper Birch	K = Rock	P = Lowland Poplar	UM = Upland Mix Forest
C = Cedar	L = Lowland Brush	Q = Mixed Swamp Conifer	V = Bog or Marsh
D = Treed Bog	LM = Lowland Mix Forest	R = Red Pine	W = White Pine
E = Swamp Hardwoods	M = Maple, Beech, 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	25.9
2	15.8
3	3
4	14.2
5	35.8

Little Shop of Borers

94.7 Acres



Legend	
	Sale Boundary (Red/Unmarked Rd)
	Payment Unit (Yellow/Unmarked Rd)
	Private Line (Blue)
	Nearby Timber Sale
	Stand
	Primary Forest Road
	Forest Access Route
	Administrative Access Only
	Paved Road
	Government Gravel/Dirt
	Private Gravel/Dirt
	Field Grade Corner
	Retention Areas

Use QR Code to open Map in App

