



**DEPARTMENT OF NATURAL RESOURCES
STATE OF MICHIGAN
TIMBER SALE PROSPECTUS #7516**

SCHEDULED SALE DATE AND TIME: **4:00 p.m. (local time) on May 28, 2025.**

LOCATION: **TRAVERSE CITY MGMT UNIT, 2122 M 37 SOUTH, TRAVERSE CITY, MI 49685.**

CONTACT NAME: Matthew Edison

PHONE NUMBER: (906) 291-0095

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

South Edge of 4 (61-037-24) / T27N, R13W, SEC. 18, SWSW.

T27N, R14W, SEC. 13, W1/2SW, SESE.

T27N, R14W, SEC. 14, E1/2SE.

Benzie County, Advertised Price \$61,473.50, 32.8 Acres, Aspen, Hardwood.

TIMBER SALE INFORMATION

South Edge of 4 (61-037-24)
 T27N, R13W, SEC. 18; T27N, R14W, SEC. 13; T27N, R14W, SEC. 14.
 Benzie County (Advertised Price \$61,473.50)

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 | 179.5 MBF | \$ 115.00 / MBF |
| Beech | 12.4 MBF | \$ 231.00 / MBF |
| Black Cherry | 10.2 MBF | \$ 183.00 / MBF |
| Red Maple | 110.4 MBF | \$ 125.00 / MBF |
| Sugar Maple | 11.5 MBF | \$ 341.00 / MBF |
| Pulpwood | | |
| Mixed Aspen | 518 Cords | \$ 23.90 / Cord |
| Mixed Hardwood | 287 Cords | \$ 20.90 / Cord |

* The total volume is statistically estimated within plus (+) or minus (-) 23.35 percent. There are an estimated 1,565 cords on this timber sale, plus or minus 366 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 \$3,073.68 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 | 51.6% |
| 02 | 48.4% |
4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 12/31/2027.

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 |
| 123,654 | 1,565 | 23.35% | 1,200 | 1,931 |

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 |
| 134 | 61,467 | 778 | 31.40% | 534 | 1,022 |
| 151 | 62,188 | 787 | 35.58% | 507 | 1,067 |
| TOTAL: | 123,654 | 1,565 | | 1,041 | 2,090 |

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 |
|---------------|-------------|----|-------------|
| 134 | 17.1 | 1 | 17.1 |
| 151 | 15.7 | 2 | 15.7 |
| TOTAL: | 32.8 | | 32.8 |

DESCRIPTION OF TIMBER BY PU (PU)

| PU | MARKET GROUP | PRODUCT | QUANTITY | UNIT | ACRES | ADVERTISE PRICE |
|--------------------|----------------------|-----------|----------|-------|-------|-----------------|
| 1 | B. T. Aspen | Sawtimber | 49.7 | MBF | 17.1 | \$31,746.00 |
| | Beech | | 12.4 | MBF | | |
| | Black Cherry | | 10.2 | MBF | | |
| | Red Maple | | 88.9 | MBF | | |
| | Sugar Maple | | 4.8 | MBF | | |
| | Mixed Aspen | | Pulpwood | 147 | | |
| | <i>B. T. Aspen</i> | 134 | | Cords | | |
| | <i>Quaking Aspen</i> | 13 | | Cords | | |
| | Mixed Hardwood | 241 | | Cords | | |
| | <i>Beech</i> | 47 | | Cords | | |
| | <i>Black Cherry</i> | 12 | | Cords | | |
| | <i>Ironwood</i> | 4 | | Cords | | |
| | <i>Red Maple</i> | 155 | Cords | | | |
| <i>Sugar Maple</i> | 23 | Cords | | | | |
| 2 | B. T. Aspen | Sawtimber | 129.8 | MBF | 15.7 | \$29,727.50 |
| | Red Maple | | 21.5 | MBF | | |
| | Sugar Maple | | 6.7 | MBF | | |
| | Mixed Aspen | Pulpwood | 371 | Cords | | |
| | <i>B. T. Aspen</i> | | 371 | Cords | | |
| | Mixed Hardwood | | 46 | Cords | | |
| | <i>Red Maple</i> | | 37 | Cords | | |
| | <i>Sugar Maple</i> | | 9 | Cords | | |
| TOTAL: | | | 324.0 | MBF | | |
| TOTAL: | | | 805 | Cords | | |

Sale Specific Conditions & Requirements

Sale Name: South Edge of 4

Sale Number: 61-037-24 Seq#: 2

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted Boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by red paint. Exterior sale boundary lines against state are marked with red paint with the exception of the northern boundary of Payment Unit 2, which is unpainted and designated by Spear Road. The painted boundary line trees are not Included Timber and are to be protected.

2 - Timber Specifications

2.1 - Included Timber

2.1.7 - Leave Tree Marked Unit(s) (6/14)

Within Payment Unit(s) 1 and 2, all aspen, maple, cherry, and ironwood trees are designated for cutting, regardless of merchantability, except do not cut any trees marked with green paint above and below stump height. In addition, within Payment Unit 1, all beech trees are designated for cutting, regardless of merchantability. Furthermore, within Payment Unit 2, all beech that are 10 inches or less at DBH, which meet minimum piece specifications in 2.2 Utilization, are designated for cutting.

2.2 - Utilization

2.2.3 - Stump heights (4/07)

Stump heights within Payment Units 1 and 2 shall not exceed 12 inches for trees greater than 10 inches DBH and 4 inches for trees smaller than 10 inches DBH.

2.2.9 - No Chipping Permitted (12/08)

Within Payment Unit(s) 1, all wood must be removed by whole tree, tree segment, or roundwood. No chipping is permitted.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and Earthen Piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the Sale Area as determined by the Sale Administrator.

4.1.12 - No New Roads (1/12)

No new roads will be permitted in any Payment Unit. All operations are limited to existing roads. Skid trails only will be allowed and may need closing with slash and or stumps if determined by the Sale Administrator.

5 - Operations

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.8 - Slash Height (12/08)

No slash or tree tops may exceed 24 inches in height.

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 one 12-inch diameter or larger log size pieces on the ground for every two acres. They should be scattered evenly throughout the sale and preferably at

least 50 feet from any road or trail open to vehicles. These pieces should have a minimum length of 8 feet. They can be of any tree species and can be an un-merchantable piece of wood or a full tree.



TIMBER SALE MAP

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

| | | |
|------------------|------------|----|
| Sale Number | Date | |
| 61-037-24 | 09/16/2024 | |
| Scale | Page | Of |
| 1:15,840 | 1 | 1 |

| | | |
|------------------------|--------|-------------------------|
| Forest Management Unit | County | Mapped By: Melina Hurin |
| Traverse City Mgt Unit | Benzie | Cruised By: Craig Allen |

| | | |
|----------|-------|--|
| Township | Range | Section(s) and Subdivision(s) |
| 27N | 13W / | Sec. 13 W1/2SW,SESE; Sec. 14 E1/2SE; Sec. 18 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 | 17.1 |
| 2 | 15.7 |

South Edge of 4

32.8 Acres

