



**DEPARTMENT OF NATURAL RESOURCES  
STATE OF MICHIGAN  
TIMBER SALE PROSPECTUS #7622**

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

Class Eh Mix (72-010-24) / T28N, R01E, SEC. 27, SENW,SW.

T28N, R01E, SEC. 33, SESE.

T28N, R01E, SEC. 34, NW,NWSW,S1/2SW.

Oscoda County, Advertised Price \$64,839.30, 160.1 Acres, Jack Pine, Red Pine.

SALE NOTE: Sale had been reduced to account for deteriorating timber and difficult operability. No material shall be fell or decked into wildlife opening adjacent to Payment Unit 3. Wildlife opening in Payment Unit 4 is to be cut and skid outside of opening to reduce slash and impact of operations. Rutting restrictions throughout Sale Area. Hard Oak wilt restriction on all Payment Units. Small portion of snowmobile trail shares access to Payment Unit 1.

A recreation site such as a trail, pathway, or campground is within the sale area or the vicinity. Certain restrictions/specifications may be applicable including time restrictions.

## TIMBER SALE INFORMATION

Class Eh Mix (72-010-24)

T28N, R01E, SEC. 27; T28N, R01E, SEC. 33; T28N, R01E, SEC. 34.

Oscoda County (Advertised Price \$64,839.30)

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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 &amp; SPECIES</u> | <u>ESTIMATED UNITS*</u> | <u>ADVERTISED PRICE</u> |
|-------------------------------|-------------------------|-------------------------|
| Sawtimber                     |                         |                         |
| Balsam Fir                    | 10.0 MBF                | \$ 62.00 / MBF          |
| Northern Pin Oak              | 22.6 MBF                | \$ 100.00 / MBF         |
| White Pine                    | 9.0 MBF                 | \$ 53.00 / MBF          |
| Pulpwood                      |                         |                         |
| Balsam Fir                    | 62 Cords                | \$ 18.80 / Cord         |
| Jack Pine                     | 1,141 Cords             | \$ 20.20 / Cord         |
| Mixed Hardwood                | 35 Cords                | \$ 28.60 / Cord         |
| Northern Pin Oak              | 143 Cords               | \$ 21.95 / Cord         |
| Quaking Aspen                 | 379 Cords               | \$ 21.45 / Cord         |
| Red Pine                      | 632 Cords               | \$ 38.60 / Cord         |
| White Pine                    | 33 Cords                | \$ 18.30 / Cord         |

\* The total volume is statistically estimated within plus (+) or minus (-) 13.44 percent. There are an estimated 2,525 cords on this timber sale, plus or minus 340 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 \$3,241.97 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:

| <u>PAYMENT UNIT NUMBER</u> | <u>PERCENT OF TOTAL SALE VALUE</u> |
|----------------------------|------------------------------------|
| 01                         | 12.7%                              |
| 02                         | 16.4%                              |
| 03                         | 18.6%                              |
| 04                         | 52.3%                              |

4. If no cutting takes place, the 10% down payment will not be refunded.
5. Operations on the contract issued will terminate on 06/30/2028.

### **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 |
| 199,465          | 2,525       | 13.44%        | 2,185                      | 2,864   |

## 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      |
| 11            | 76,955           | 974          | 17.61%        | 803            | 1,146        |
| 36            | 37,605           | 476          | 44.23%        | 265            | 687          |
| 63            | 33,145           | 420          | 34.55%        | 275            | 565          |
| 66            | 25,890           | 328          | 39.85%        | 197            | 458          |
| 82            | 25,868           | 327          | 30.03%        | 229            | 426          |
| <b>TOTAL:</b> | <b>199,465</b>   | <b>2,525</b> |               | <b>1,769</b>   | <b>3,281</b> |

## 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     |
|---------------|--------------|----|--------------|
| 11            | 99.2         | 4  | 99.2         |
| 36            | 14.3         | 3  | 14.3         |
| 63            | 17.8         | 2  | 17.8         |
| 66            | 22.5         | 1  | 22.5         |
| 82            | 6.3          | 4  | 6.3          |
| <b>TOTAL:</b> | <b>160.1</b> |    | <b>160.1</b> |

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

| PU               | MARKET GROUP     | PRODUCT          | QUANTITY  | UNIT  | ACRES | ADVERTISE PRICE |
|------------------|------------------|------------------|-----------|-------|-------|-----------------|
| 1                | Balsam Fir       | Sawtimber        | 0.7       | MBF   | 22.5  | \$8,255.30      |
|                  | Northern Pin Oak |                  | 8.2       | MBF   |       |                 |
|                  | Balsam Fir       | Pulpwood         | 1         | Cords |       |                 |
|                  | Jack Pine        |                  | 60        | Cords |       |                 |
|                  | Jack Pine        | Sawtimber        | 1.4       | MBF   |       |                 |
|                  | Jack Pine        | Pulpwood         | 57        | Cords |       |                 |
|                  | Mixed Hardwood   |                  | 4         | Cords |       |                 |
|                  | Black Cherry     | Sawtimber        | 0.3       | MBF   |       |                 |
|                  | Black Cherry     | Pulpwood         | 3         | Cords |       |                 |
|                  | Northern Pin Oak |                  | 67        | Cords |       |                 |
|                  | Quaking Aspen    |                  | 119       | Cords |       |                 |
|                  | Red Pine         |                  | 51        | Cords |       |                 |
|                  | White Pine       |                  | 3         | Cords |       |                 |
|                  | 2                | Northern Pin Oak | Sawtimber | 14.4  |       |                 |
| Jack Pine        |                  | Pulpwood         | 163       | Cords |       |                 |
| Jack Pine        |                  |                  | 163       | Cords |       |                 |
| Northern Pin Oak |                  |                  | 76        | Cords |       |                 |
| Quaking Aspen    |                  |                  | 84        | Cords |       |                 |
| Red Pine         |                  |                  | 63        | Cords |       |                 |
| 3                |                  | Balsam Fir       | Sawtimber | 9.3   | MBF   | 14.3            |
|                  | White Pine       |                  | 9.0       | MBF   |       |                 |
|                  | Balsam Fir       | Pulpwood         | 61        | Cords |       |                 |
|                  | Jack Pine        |                  | 63        | Cords |       |                 |
|                  | Jack Pine        |                  | 63        | Cords |       |                 |
|                  | Mixed Hardwood   |                  | 13        | Cords |       |                 |
|                  | Paper Birch      | Sawtimber        | 1.9       | MBF   |       |                 |
|                  | Paper Birch      | Pulpwood         | 3         | Cords |       |                 |
|                  | Red Maple        |                  | 6         | Cords |       |                 |
|                  | Quaking Aspen    |                  | 151       | Cords |       |                 |
|                  | Red Pine         |                  | 115       | Cords |       |                 |
|                  | White Pine       |                  | 30        | Cords |       |                 |
|                  | 4                | Jack Pine        | Pulpwood  | 855   | Cords |                 |
| Jack Pine        |                  |                  | 855       | Cords |       |                 |
| Mixed Hardwood   |                  |                  | 18        | Cords |       |                 |
| Black Cherry     |                  |                  | 18        | Cords |       |                 |
| Quaking Aspen    |                  |                  | 25        | Cords |       |                 |
| Red Pine         |                  |                  | 403       | Cords |       |                 |
| TOTAL:           |                  |                  | 41.6      | MBF   |       |                 |
| TOTAL:           |                  |                  | 2,425     | Cords |       |                 |

## **Sale Specific Conditions & Requirements**

**Sale Name: Class Eh Mix**

**Sale Number: 72-010-24 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 blue, red and yellow paint along with roads (see Timber Sale Map). Exterior sale boundary lines against private property are marked with blue paint, with the exception of the private boundary along 489, Town Hall, and Farrington Roads, which are unpainted and designated by the roads. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid. The painted boundary line trees are not Included Timber and are to be protected unless painted with orange paint. Retention patches are marked with red paint; no harvesting activities may occur within these areas.

### **2 - Timber Specifications**

#### **2.1 - Included Timber**

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

Within Payment Unit(s) 1-4, cut all trees that are two (2) inches or more at DBH, except do not cut hemlock or cedar. In addition, within Payment Units 3 and 4, do not cut any red or white pine that are 20 inches or more at DBH (most have been marked with green paint for reference). Further, across the Sale Area, patches of saplings that are two (2) inches or more at DBH may be left uncut if they are intact (not bent/broken) and located away from aspen.

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

#### **2.2 - Utilization**

##### **2.2.9 - No Chipping Permitted (12/08)**

Within Payment Unit(s) 4, no chipping of tops will be permitted to encourage oak regeneration.

### **3 - Payments**

#### **3.3 - Pre-measured Sales**

##### **3.3.4 - Dividing Payment Units (7/14)**

Payment Unit(s) 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 (12/24)**

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, reasonable care should be taken to avoid cutting white pine and oak seedlings and saplings less than 2 inches at DBH.

Within the Sale Area, if more than 20% of the white pine and oak seedlings and saplings (less than 2 inches DBH) within a specified portion of the Sale Area are damaged, liquidated damages will be assessed at \$250 per acre for all acreage within that specified portion of the Sale Area that was damaged.

Operable paths will need to be cut through dense regen; if those paths are cut cleanly, they will not be considered damaged areas.

##### **3.4.2 - Special Protection Trees (1/25)**

The Purchaser shall not cut live or dead special protection trees within cutting units or clearings. Special protection trees are red pine and white pine that are 20 inches or more at DBH (most have been marked with green paint for reference). If Purchaser's operations have cut or damaged special protection trees through carelessness, the Purchaser shall pay \$200 as fixed, agreed and liquidated damages for each special protection tree cut or damaged. Such payment does not constitute ownership of the undesignated timber.

## **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 scattered and feathered 10 feet off the shoulders of the road or hauled to a location approved by Sale Administrator.

#### **4.1.6 - Road Construction (4/24)**

Construction of new roads and landings or improvement of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

#### **4.1.7 - Road Closure (10/11)**

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Stumps and brush must be placed along the remainder of the trail. 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**

#### **5.1.4 - Post-Sale Conference (10/16)**

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

### **5.2 - Conduct of Operations**

#### **5.2.1 - Slash**

##### **5.2.1.10 - No Slash in Openings (5/10)**

No brush or logging debris is to be left in the maintained wildlife openings which is indicated by G0 on the Timber Sale Map. Any damage to the opening shall be repaired according to specifications of the Unit Manager or his/her representative.

##### **5.2.1.11 - Slash for Reforestation (3/21)**

To facilitate reforestation, Payment Unit 4 shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

#### **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**

##### **5.2.3.5 - Oak Wilt Restriction (1/18)**

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

#### 5.2.4 - Dead and Down Creation

##### 5.2.4.4 - Dead and Down Creation, Grouse (6/18)

To encourage grouse and other wildlife, in Payment Unit(s) 1-3, leave one, 12-inch diameter or larger log-length (8 foot minimum) piece on the ground for every 2 acres or one 12-inch or larger diameter (or largest diameter trees within stand) whole tree on the ground for every 2 acres, preferably a hardwood species such as oak or maple or if no hardwoods are present, a pine species (white or red). These trees will be evenly scattered throughout the unit, preferably at least two chains from any roads, two tracks, or trails open to vehicles.

#### 5.2.22 - Operating Caution

##### 5.2.22.1 - Operating Caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 3 and 4, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation in Payment Unit 3 is to reduce the risk of rutting. The reason for the recommendation in Payment Unit 4 is to encourage red oak regeneration.

#### 5.2.29 - Shrub Protection (1/20)

Reasonable care should be taken to avoid cutting or damaging hawthorn, dogwood or junberry. These woody-shrub plants are highly beneficial to various wildlife species.

#### 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.

#### 5.2.43 - Opening Protection (2/21)

No activities are permitted in openings marked on the Timber Sale Map with the letter "G". Any damage to the openings shall be repaired according to specifications of the Unit Manager or his/her representative.

#### 5.4 - Soil Protection

##### 5.4.1 - Rutting Restriction, General (7/16)

Withing Payment Unit 3 operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 6 inches or greater in depth and 25 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

### 6 - Safety and Fire Prevention

#### 6.2 - Signing

##### 6.2.1 - Road Posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on Town Hall Road, Red Oak Road, and Farrington Road prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

### 7 - Other Conditions

#### 7.5 - Loss

##### 7.5.1 - Deteriorating Timber (7/09)

The Sale Area has received damage from windthrow or jack pine budworm. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.



**TIMBER SALE MAP**

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

|                        |              |  |                                   |                   |           |         |
|------------------------|--------------|--|-----------------------------------|-------------------|-----------|---------|
| Forest Management Unit |              | County   | Mapped By: M. Lovelace            | Scale<br>1:20,000 | Page<br>1 | Of<br>1 |
| Grayling Mgt Unit      |              | Oscoda   | Cruised By: M. Lovelace, G. Price |                   |           |         |
| Township<br>28N        | Range<br>01E | Section(s) and Subdivision(s) Sec. 27 SENW,SW; Sec. 33 SESE; Sec. 34 NW,NWSW,S1/2SW; |                                   |                   |           |         |

**Cover Type**

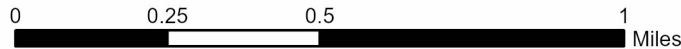
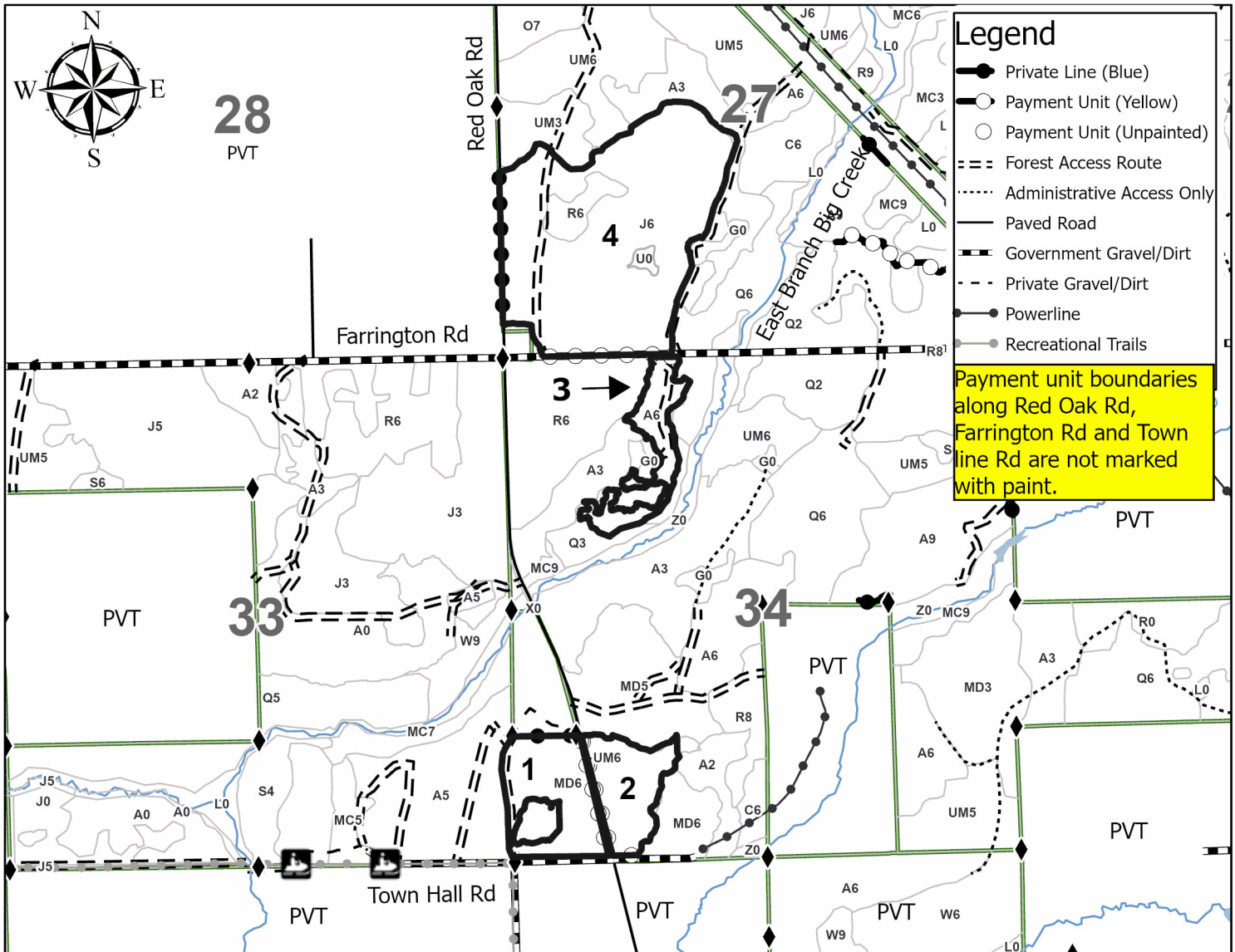
|                     |                         |                         |                        |
|---------------------|-------------------------|-------------------------|------------------------|
| A = Aspen           | J = Jack Pine           | O = Oak                 | U = Upland Brush       |
| 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    |

Use QR Code to  
open Map in App

| Payment Unit Number | Acres |
|---------------------|-------|
| 1                   | 22.5  |
| 2                   | 17.8  |
| 3                   | 14.3  |
| 4                   | 105.6 |

**Class Eh Mix****160.1 Acres****Compartment 72020****28**  
PVT**Legend**

- Private Line (Blue)
- Payment Unit (Yellow)
- Payment Unit (Unpainted)
- Forest Access Route
- Administrative Access Only
- Paved Road
- Government Gravel/Dirt
- Private Gravel/Dirt
- Powerline
- Recreational Trails

Payment unit boundaries along Red Oak Rd, Farrington Rd and Town Hall Rd are not marked with paint.