



# Compartment Review Presentation

## Cadillac Forest Management Unit

Compartment 63035

Entry Year 2017

Acreage: 1,829

County Osceola

Management Area: Evert Block

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**Revision Date:** 2015-06-12

**Stand Examiner:** Cheryl Nelson

**Legal Description:**

T17N R08W section 6  
T17N R08W section 1  
T18N R08W section 19  
T18N R09W section 24, 25

**Identified Planning Goals:**

Vegetation management will provide timber products; maintain or enhance wildlife habitat; protect area of unique threatened, endangered, and special concern species; and provide for forest-based recreational uses.

**Soil and topography:**

Predominantly Chelsea, Rubicon and Montcalm Assoc. The terrain in the compartment is rolling.

**Ownership Patterns, Development, and Land Use in and Around the Compartment:**

This compartment has large acreages of state land broken up by areas of private land.

**Unique Natural Features:**

Michigan Natural Features Inventory lists the potential for the ebony boghaunter in bog habitat areas. There is also the potential for spotted turtle, Blanding's turtle, secretive locust, and the wood turtle.

**Archeological, Historical, and Cultural Features:**

None known.

**Special Management Designations or Considerations:**

None known.

**Watershed and Fisheries Considerations:**

There is an intermittent drainage running southerly through T17N R09W section 1 into the Muskegon River. A standard buffer of 50 feet either side is requested.

**Wildlife Habitat Considerations:**

This compartment is located in the Highplains Ecosystem, Cadillac Subsection, LTA 1121. Soils in this area are characterized by well-drained loamy sands. The surrounding landscape is primarily forested with the exception of the areas surrounding the community of Evert to the southeast. Historically, this area was composed of mesic forest types. Presently, early serial stage northern and central hardwoods and mesic pine dominate the landscape. Regeneration of the oak component both within the aspen and northern hardwood types are a concern. Red maple and cherry generally regenerate in heavily thinned stands. Wildlife habitat objectives are to continue to manage for high structural diversity within stands and age class diversity across the compartment. Primary featured species considerations are for ruffed grouse and deer. Timber sale specifications to benefit wildlife (where applicable) will include brush pile creation along lowland edges, protection of mast-bearing wildlife shrubs and ironwood, protection of standing dead snags, and creation of drumming logs (1-2 per acre) and woody debris (tops or whole trees) in aspen cuts. (E. Victory 6/2015)

**Mineral Resource and Development Concerns and/or Restrictions**

Surface sediments consist of an end moraine of coarse-textured till and minor glacial outwash sand and gravel and postglacial alluvium. The glacial drift thickness varies between 600 and 800 feet. Beneath the glacial drift are the Jurassic Red Beds and the Pennsylvanian Grand River and Saginaw Formations. The Saginaw is quarried for clay/shale in other parts of the State. The nearest gravel pit is just to the east and gravel potential is good. The compartment is located 1.5 miles east of Cedar Field. The field has produced over 1.2 million BO from the Devonian Detroit River Formation and over 1.4 Bcf gas from the Stray sandstone.

**Vehicle Access:**

A forest road access plan is detailed on the compartment map. Identified are state and county roads as well as forest roads and trails under the jurisdiction of the DNR. Also indicated are forest roads and trails under the jurisdiction of the DNR that are proposed for abandonment. These roads were determined to be in excess of the access needs in the area, are a threat to the resources, or are a concern environmentally.

### **Survey Needs:**

### **Recreational Facilities and Opportunities:**

Portions of the Evert motorcycle trail are in this compartment. This motorcycle trail is designed and maintained to be narrow (24 inches at ground level, 40 inches at handlebar height) to provide a unique motorcycling experience, as well as deter larger unwanted ORV's from accessing state lands. Where practical, recommend leaving or protecting trees that provide a narrow corridor to dissuade larger vehicles from entering the motorcycle trail. Additional trail protection measures identified in DNR Policy & Procedure 32.22XX (Best Management Practices for Forest and Wildlife Management Adjacent to Recreation Trails) should be taken into consideration when setting up timber sales in this compartment. Dispersed camping, and mushroom hunting are both common activities within this compartment (T.M.N. 12/16/14)

### **Fire Protection:**

Forest and county roads provide good access. Dispersed camping and ORV trails are a concern for wildfire ignitions. Timber types do not support crown fire activities.

### **Additional Compartment Information:**

**The following reports from the Inventory are attached:**

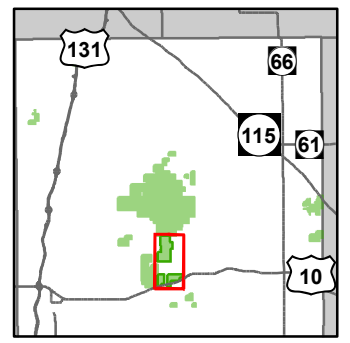
- Total Acres by Cover Type and Age Class**
- Cover Type by Harvest Method**
- Proposed Treatments – No Limiting Factors**
- Proposed Treatments – With Limiting Factors**
- Stand Details (Forested and Nonforested)**
- Dedicated and Proposed Special Conservation Areas**
- Site Condition Details**

**The following information is displayed, where pertinent, on the attached compartment maps:**

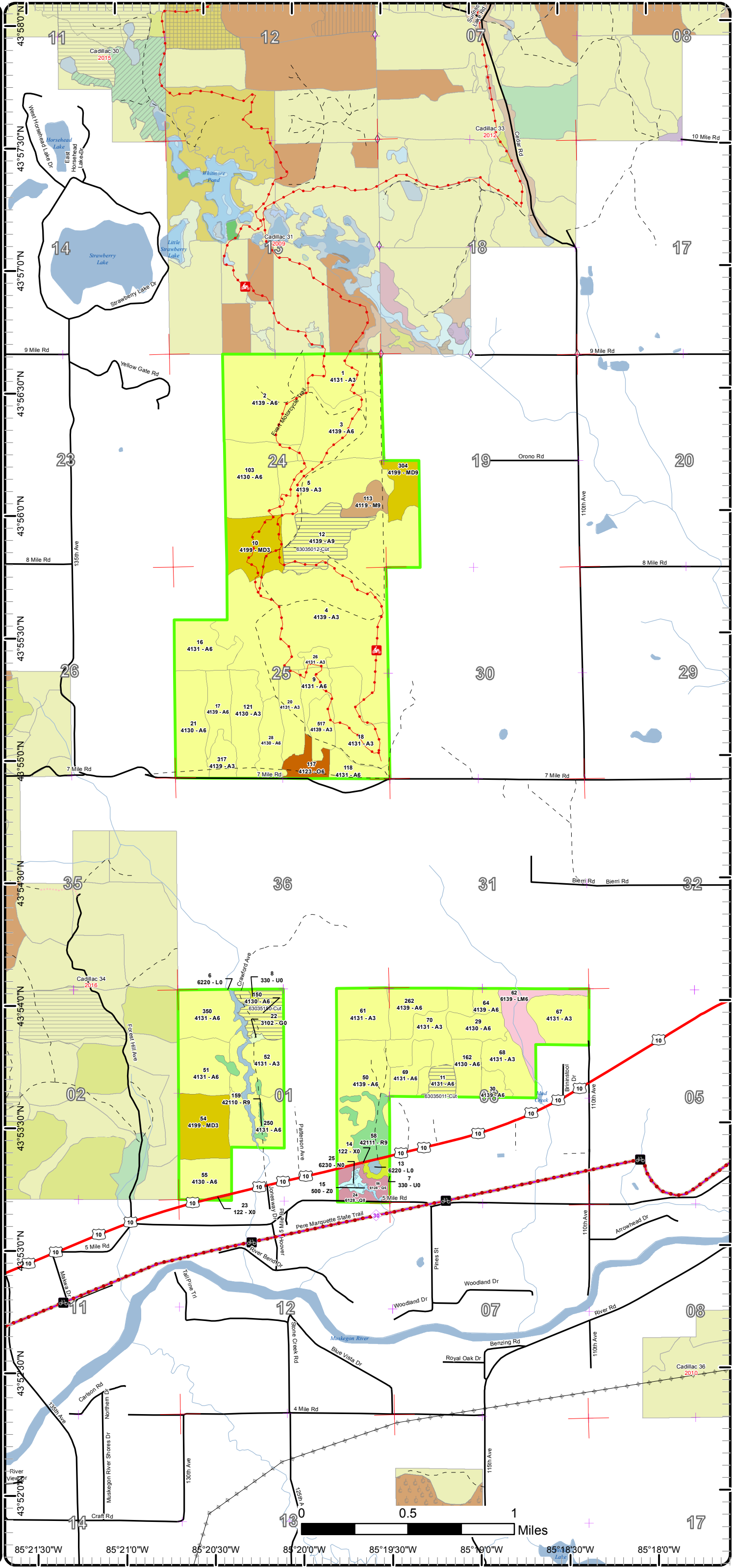
- Base feature information, stand boundaries, cover types, and numbers**
- Proposed treatments**
- Site condition boundaries**
- Details on the road access system**

# Cover Type & Treatments

Compartment: 35  
 T18N, R09W, Sec. 24, 25  
 County: Osceola  
 Unit: Cadillac  
 Mgmt Area: Evart Block  
 YOE: 2017  
 Acres: 1829 GIS Calculated  
 Examiner: Cheryl Nelson  
 Map Revised: 7/14/2015  
 Map Phase: Pre-Review

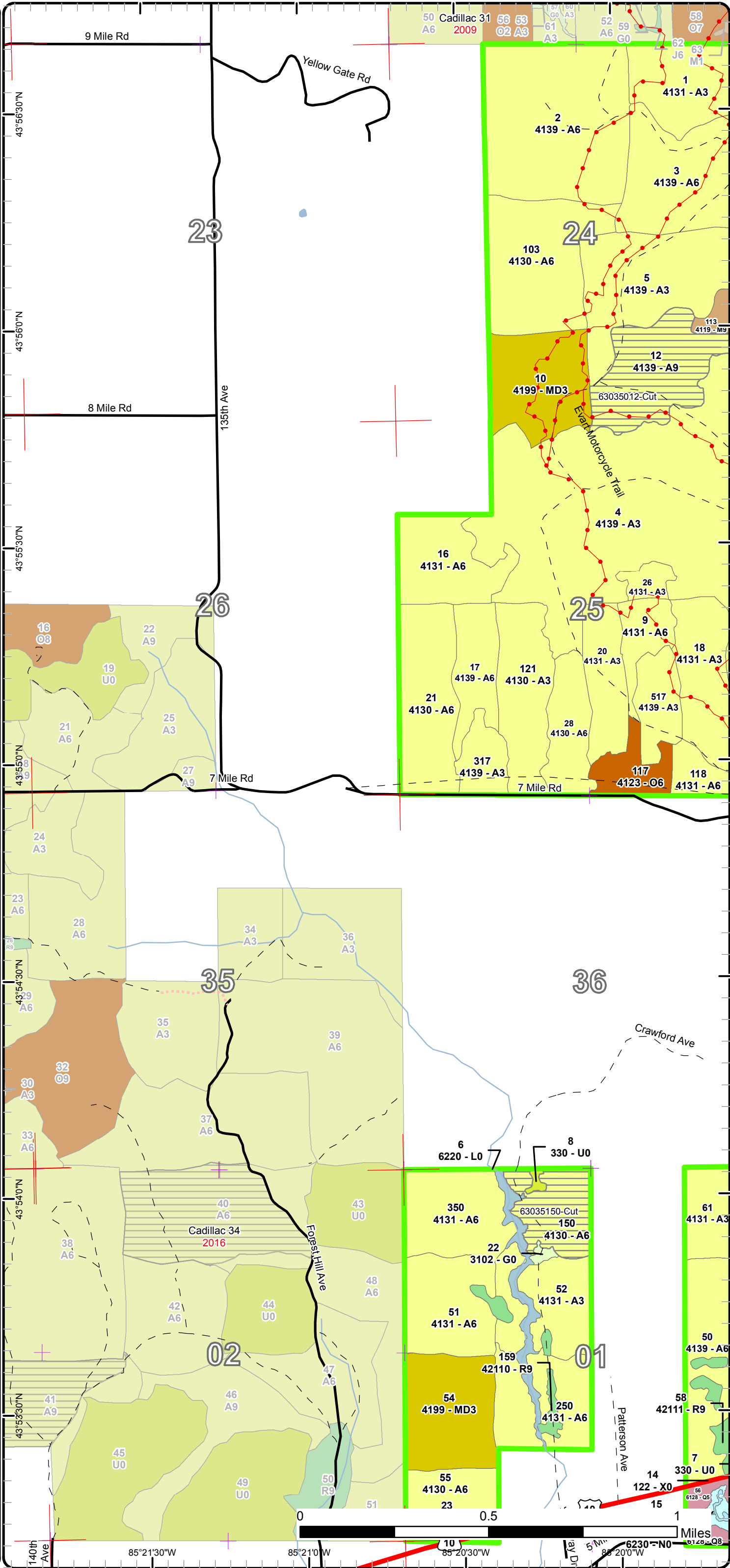
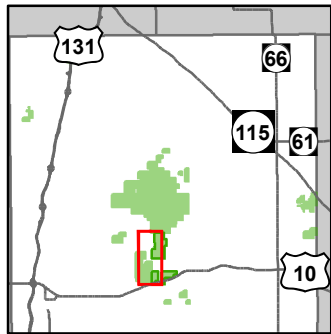


- ✚ Remonumented Section Corner
- ◇ Field Grade GPS Corners
- Miris Corners
- Highway
- Paved Roads
- - Poor Dirt Roads
- ⋯ Closed Roads
- 🚲 Bike Trails
- 🏍️ Motorcycle Trails (DNR License)
- 🛷 Snowmobile Trails
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- Designated Equestrian Trails
- License\_Type
- ORV License & Trail Permit
- Designated Snowmobile Trails
- Designated Snowmobile Trails
- Designated Railtrails
- Rivers
- Lakes
- ⊕ Powerline
- Treatments
- ▭ Clearcut (w/Reserves)
- Forest Covertypes
- 411 - Northern Hardwood
- 412 - Oak Types
- 413 - Aspen
- 419 - Mixed Upland Deciduous
- 421 - Planted Pines
- 612 - Lowland Coniferous Forest
- 613 - Lowland Mixed Forest
- Non-Forest Covertypes
- 122 - Roads/Parking Lot
- 310 - Herbaceous Openland
- 330 - Low Density Trees
- 500 - Water
- 622 - Lowland Shrub
- 623 - Emergent Wetland

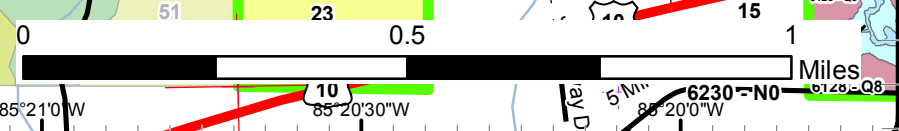


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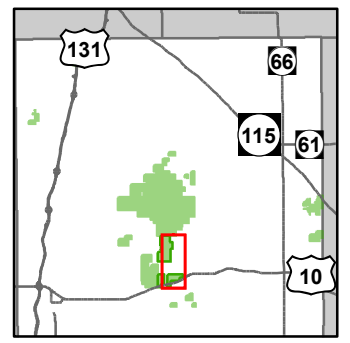
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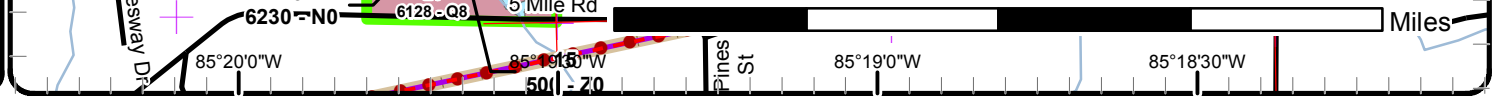
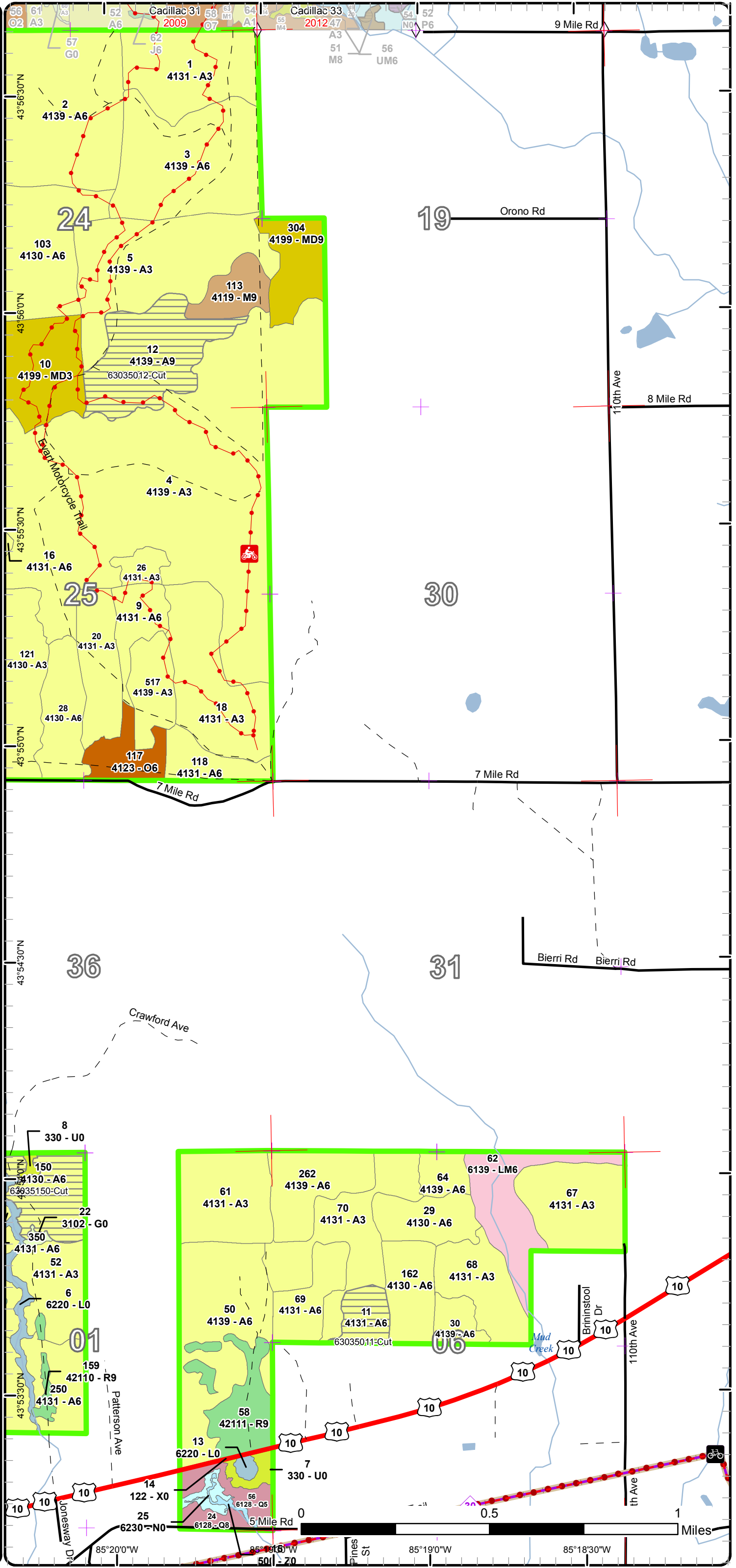


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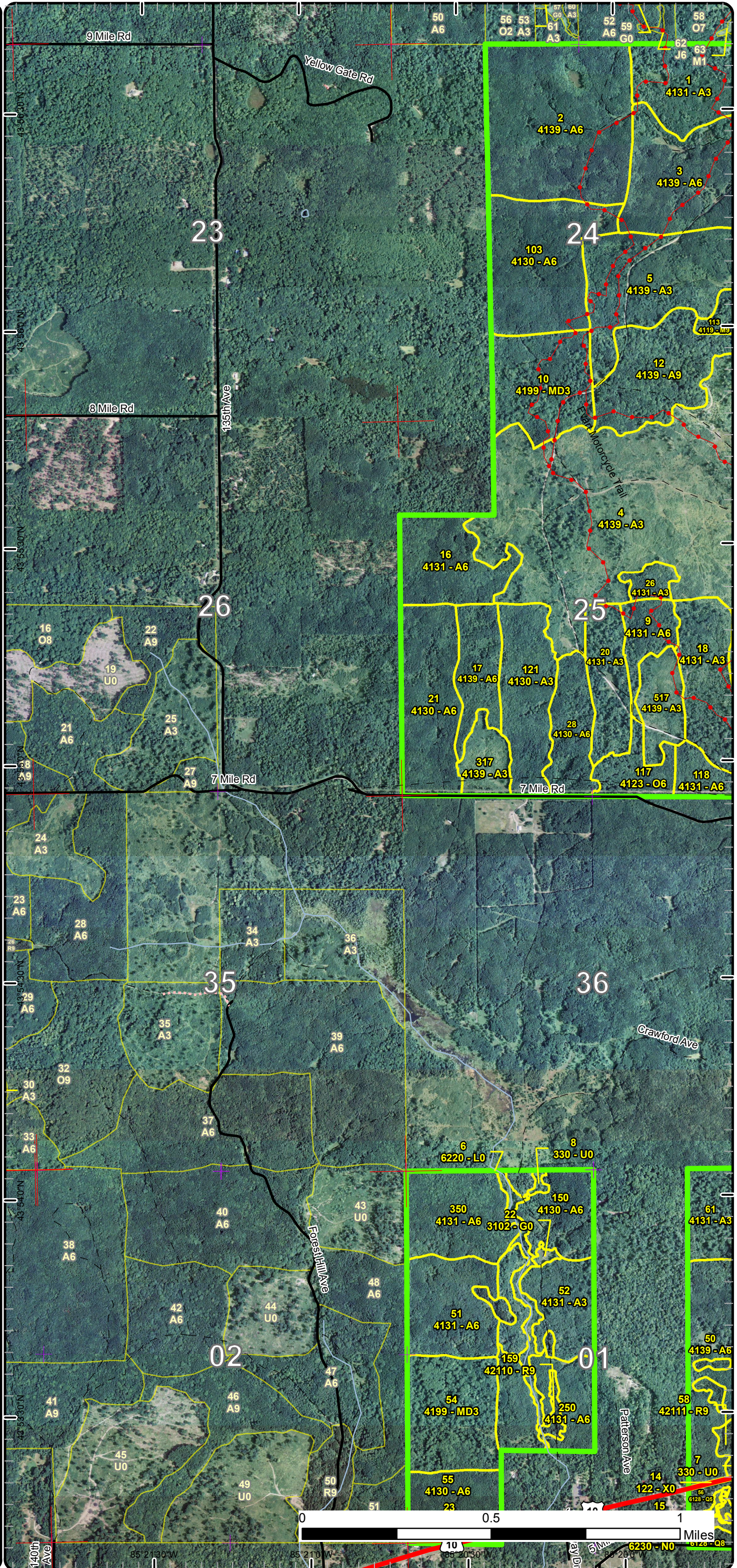
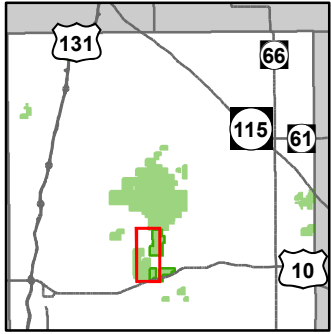
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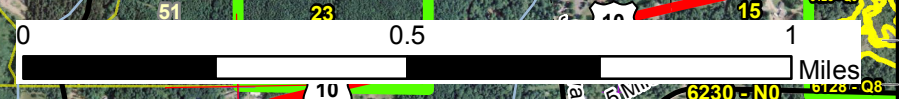


# Stand Boundary Map

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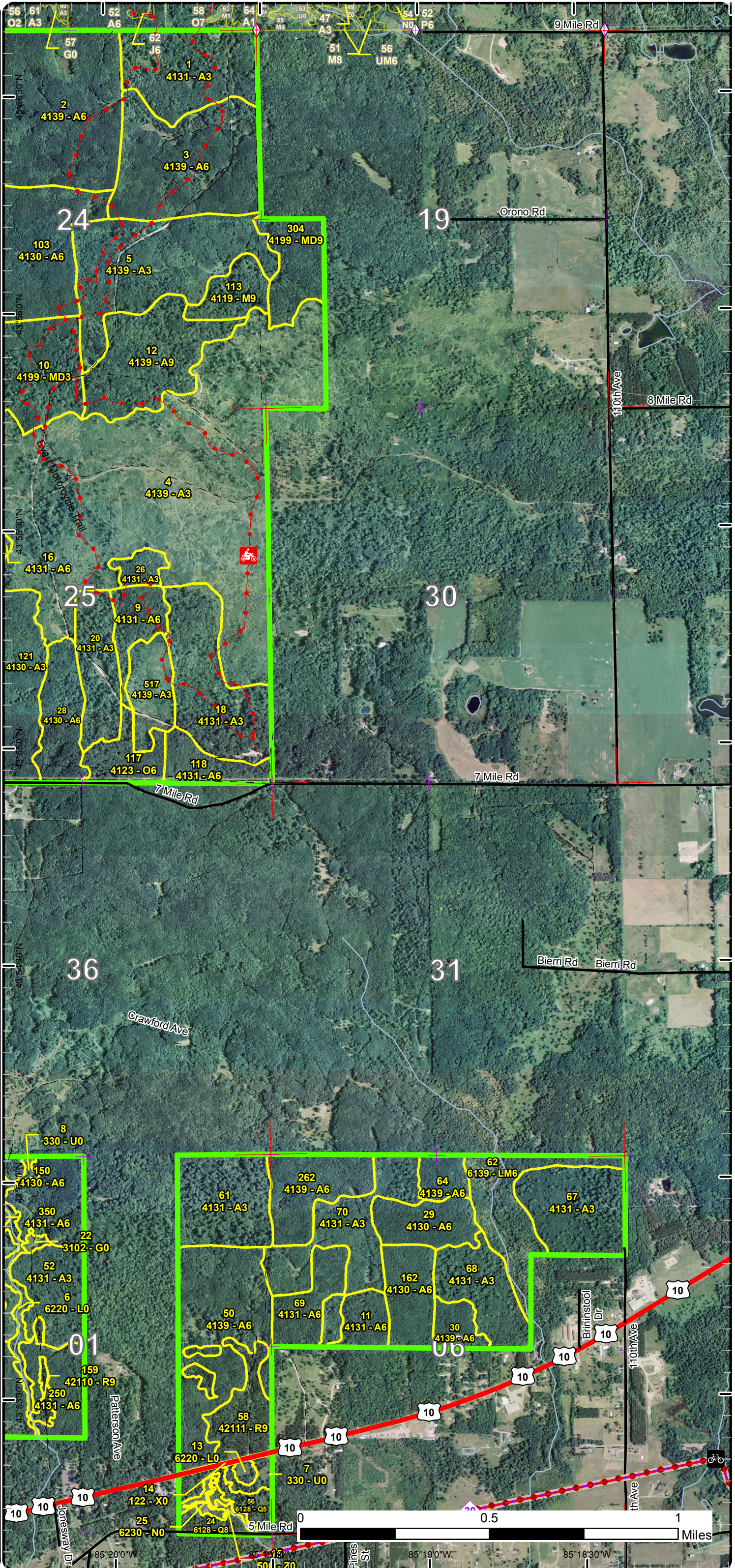
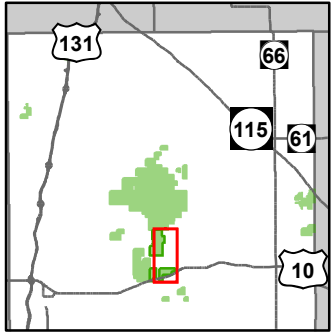


140th Ave, 135th Ave, 9 Mile Rd, 8 Mile Rd, 7 Mile Rd, Crawford Ave, Forest Hill Ave, Patterson Ave, 10, 6230 - N0, 6126 - Q8, 85°21'30" W, 85°21'0" W, 85°20'30" W, 85°20'0" W



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# Report 1 – Total Acres by Cover Type and Age Class

Cadillac Mgt. Unit  
Cheryl Nelson : Examiner

Compartment 35    Year of Entry 2017



## Age Class

|                        | Non-Forest | 0-9        | 10-19      | 20-29      | 30-39      | 40-49      | 50-59     | 60-69     | 70-79     | 80-89     | 90-99     | 100-109  | 110-119  | 120-129  | 130-139  | 140-149  | 150+     | Uneven-Aged | Total       |
|------------------------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|-------------|-------------|
| Aspen                  | 0          | 340        | 383        | 326        | 188        | 269        | 16        | 49        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 1571        |
| Herbaceous Openland    | 1          | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 1           |
| Low-Density Trees      | 6          | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 6           |
| Lowland Conifers       | 0          | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 17        | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 17          |
| Lowland Mixed Forest   | 0          | 0          | 0          | 0          | 0          | 0          | 0         | 34        | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 34          |
| Lowland Shrub          | 13         | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 13          |
| Marsh                  | 4          | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 4           |
| Mixed Upland Deciduous | 0          | 0          | 45         | 47         | 0          | 23         | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 115         |
| Northern Hardwood      | 0          | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0         | 15        | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 15          |
| Oak                    | 0          | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 17        | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 17          |
| Red Pine               | 0          | 0          | 0          | 0          | 0          | 0          | 32        | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 32          |
| Urban                  | 3          | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 3           |
| Water                  | 2          | 0          | 0          | 0          | 0          | 0          | 0         | 0         | 0         | 0         | 0         | 0        | 0        | 0        | 0        | 0        | 0        | 0           | 2           |
| <b>Total</b>           | <b>29</b>  | <b>340</b> | <b>428</b> | <b>373</b> | <b>188</b> | <b>292</b> | <b>48</b> | <b>83</b> | <b>17</b> | <b>15</b> | <b>17</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>    | <b>1830</b> |



## Report 2 – Treatment Summary

Cadillac Mgt. Unit

Year of Entry: 2017

Acres of Harvest

Compartment 35

Total Compartment Acres: 1,829

Commercial Harvest - 0  
 Harvests with Site Condition - 0  
 Next Step Harvest - 0  
 Habitat Cut - 0

### Cover Type by Harvest Method

|              | Clearcut  | Selection | Patch Clearcut | Seed Tree | Shelterwood | Thinning | Overstory Removal | Salvage  | Other    | Total Acres |
|--------------|-----------|-----------|----------------|-----------|-------------|----------|-------------------|----------|----------|-------------|
| Aspen        | 88        | 0         | 0              | 0         | 0           | 0        | 0                 | 0        | 0        | 88          |
| <b>Total</b> | <b>88</b> | <b>0</b>  | <b>0</b>       | <b>0</b>  | <b>0</b>    | <b>0</b> | <b>0</b>          | <b>0</b> | <b>0</b> | <b>88</b>   |

### Proposed and Next Step Treatments by Harvest Method

|              | Harvest   | Site Prep | Planting | Seeding  | Burning  | Pesticide | Monitoring | Other    | Non-Forest Mgt. | Total Acres |
|--------------|-----------|-----------|----------|----------|----------|-----------|------------|----------|-----------------|-------------|
| Current      | 88        | 0         | 0        | 0        | 0        | 0         | 0          | 0        | 0               | 88          |
| Next Step    | 0         | 0         | 0        | 0        | 0        | 0         | 88         | 0        | 0               | 88          |
| <b>Total</b> | <b>88</b> | <b>0</b>  | <b>0</b> | <b>0</b> | <b>0</b> | <b>0</b>  | <b>88</b>  | <b>0</b> | <b>0</b>        | <b>176</b>  |

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| Treatment Name  | Acres | Stand CoverType   | Size Density    | Stand Age | BA Range | Treatment Type | Treatment Method        | Cover Type Objective | Age Structure | Approval Status |
|-----------------|-------|-------------------|-----------------|-----------|----------|----------------|-------------------------|----------------------|---------------|-----------------|
| 11 63035011-Cut | 11.8  | 4131 - Aspen, Oak | Poletimber Well | 45        | 81-110   | Harvest        | Clearcut with Retention | 4131 - Aspen, Oak    | Two-Aged      | Proposal        |

**Habitat Cut: No****Site Condition:**

Prescription Cut all aspen and red maple. Do not cut any oak. Do not cut any regen 4.5" and under except where needed for equipment maneuverability.

Specs: Retention will be the residual BA and an occasional marked to keep aspen and red maple.

Next Step

Treatments:

Acceptable Mix of upland species.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

|                 |      |                               |                |    |        |         |                         |                               |           |          |
|-----------------|------|-------------------------------|----------------|----|--------|---------|-------------------------|-------------------------------|-----------|----------|
| 12 63035012-Cut | 49.2 | 4139 - Aspen, Mixed Deciduous | Sawtimber Well | 60 | 81-110 | Harvest | Clearcut with Retention | 4139 - Aspen, Mixed Deciduous | Even-Aged | Proposal |
|-----------------|------|-------------------------------|----------------|----|--------|---------|-------------------------|-------------------------------|-----------|----------|

**Habitat Cut: No****Site Condition:**

Prescription Cut all beech and aspen. Mark a mix of species to leave averaging 40-50 BA where applicable. Retention will be the residual BA.

Specs:

Next Step

Treatments:

Acceptable Mix of upland species.

Regen:

Other Beech bark disease in stand. Do not cut regen 4.5" and under except where needed for equipment maneuverability. Treatment may extend into stand 113 if needed. Use timber sale spec to protect ORV Trail. Old next step comments:

Proposed Start Date: 10/1 /2016

|                  |      |              |                 |    |        |         |                         |                                     |          |          |
|------------------|------|--------------|-----------------|----|--------|---------|-------------------------|-------------------------------------|----------|----------|
| 150 63035150-Cut | 26.9 | 4130 - Aspen | Poletimber Well | 45 | 81-110 | Harvest | Clearcut with Retention | 4199 - Other Mixed Upland Deciduous | Two-Aged | Proposal |
|------------------|------|--------------|-----------------|----|--------|---------|-------------------------|-------------------------------------|----------|----------|

**Habitat Cut: No****Site Condition:**

Prescription Cut all aspen and red maple. Do not cut any oak or black cherry. Do not cut any regen 4.5" and under except where needed for equipment maneuverability. Retention will be the residual BA and an occasional marked to keep aspen and red maple.

Specs:

Next Step

Treatments:

Acceptable Mix of upland species.

Regen:

Other Old next step comments:

Comment:

Proposed Start Date: 10/1 /2016

**Total Treatment  
Acreage Proposed: 87.9**

## Report 5 – Site Conditions

Cadillac Mgt. Unit  
Cheryl Nelson : Examiner

Compartment: 35  
Year of Entry: 2017

### Availability for Management

| Total Acres | Acres     |               | Dominant Site Conditions | 3D | 5C |
|-------------|-----------|---------------|--------------------------|----|----|
|             | Available | Not Available |                          |    |    |
| 1570        | 1554      | 16            | Aspen                    | 16 |    |
| 1           | 1         | 0             | Herbaceous Openland      |    |    |
| 6           | 6         | 0             | Low-Density Trees        |    |    |
| 17          | 13        | 4             | Lowland Conifers         |    | 4  |
| 34          | 34        | 0             | Lowland Mixed Forest     |    |    |
| 13          | 13        | 0             | Lowland Shrub            |    |    |
| 4           | 4         | 0             | Marsh                    |    | 0  |
| 115         | 115       | 0             | Mixed Upland Deciduous   |    |    |
| 15          | 0         | 15            | Northern Hardwood        |    | 15 |
| 17          | 0         | 17            | Oak                      |    | 17 |
| 32          | 32        | 0             | Red Pine                 |    |    |
| 3           | 3         | 0             | Urban                    |    |    |
| 2           | 2         | 0             | Water                    |    |    |
| 1,829       | 1,777     | 51            | Total Forested Acres     | 16 | 36 |
|             | 97%       | 3%            | Relative Percent         |    |    |

*\*Due to limitations in the current Site Conditions Analysis tool, all nonforested acres are considered available. Future development will enable analysis of nonforested types.*

| Site No.                                                                                                                                          | Dominant Site Cond Availability | Dominant Site Condition                                                             | Acres | Other Site Condition | Other Site Condition | Other Site Condition | Other Site Condition |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------|-------|----------------------|----------------------|----------------------|----------------------|
| 1                                                                                                                                                 | Available                       | <b>5C: Delay treatment for age/size class diversity or exceptional site quality</b> | 17    | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b><br>This stand is the only oak dominant stand in the area. Do not treat due to large amount of young aspen surrounding the stand. |                                 |                                                                                     |       |                      |                      |                      |                      |
| 2                                                                                                                                                 | Available                       | <b>5C: Delay treatment for age/size class diversity or exceptional site quality</b> | 15    | Unspecified          | Unspecified          | Unspecified          | Unspecified          |
| <b>Comments:</b>                                                                                                                                  |                                 |                                                                                     |       |                      |                      |                      |                      |

# Report 5 – Site Conditions

Cadillac Mgt. Unit  
Cheryl Nelson : Examiner

Compartment: 35  
Year of Entry: 2017

|                  |             |                                                                              |    |             |             |             |             |
|------------------|-------------|------------------------------------------------------------------------------|----|-------------|-------------|-------------|-------------|
| 56               | Available   | 5C: Delay treatment for age/size class diversity or exceptional site quality | 4  | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b> |             |                                                                              |    |             |             |             |             |
| 118              | Unavailable | 3D: Recreational / Scenic values                                             | 16 | Unspecified | Unspecified | Unspecified | Unspecified |
| <b>Comments:</b> |             |                                                                              |    |             |             |             |             |



Mgt. Unit

Compartment: #Type!

Year of Entry:



## Report 6 – PROPOSED SPECIAL CONSERVATION AREA\* (SCA) DETAILS

\* This is a partial list of SCAs for this compartment. Not included are those areas identified under other Department initiatives (Natural Rivers, Deer Wintering Areas, etc.). Those will be identified in separate, future map and report products.

| SCA Name | SCA Category | Detail Type | Recommendation | Acres |
|----------|--------------|-------------|----------------|-------|
|----------|--------------|-------------|----------------|-------|

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Comments

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**Report 7 – EXISTING SPECIAL CONSERVATION AREA DETAILS**

\* This is a list of SCA's for this compartment along with a 1/4 mile buffer surrounding the compartment. Refer to the Special Conservation Area Map for locations of the below listed Conservation Areas.

ERA = Ecological Reference Area  
HCVA = High Conservation Value Area  
SCA = Special Conservation Area

| Conservation Area | Type              | Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SCA               | Cold Water Lake   | A coldwater lake has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species to persist from year to year. Suitable conditions for coldwater fishes may occur in Michigan lakes if they are relatively deep, have substantial groundwater inflows, or are located in colder (northern) areas of the state. Such lakes are established by Director's action and designated as trout resources by Fisheries Order 200.                          |
| SCA               | Cold Water Stream | A coldwater stream has temperature and dissolved oxygen conditions that allow naturally-reproduced or stocked trout populations and those of other coldwater fish species (e.g., slimy sculpin) to persist from year to year. Coldwater streams in Michigan typically provide these conditions due to substantial contributions of groundwater to their stream flows. Such streams are established by Director's action and designated as trout resources by Fisheries Order 210.                                                        |
| SCA               | Riparian Area     | A transitional area between aquatic and terrestrial ecosystems in which the terrestrial ecosystem influences the aquatic ecosystem and vice-versa. Because of the unique conditions adjacent to lakes, streams and open water wetlands, riparian areas harbor a high diversity of plants and wildlife. Riparian communities are ecologically and socially significant in their effects on water quality and quantity, as well as aesthetics, habitat, bank stability, timber production, and their contribution to overall biodiversity. |

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## Cadillac Mgt. Unit

## Report 8 – Forested Stands

Compartment: 35  
Year of Entry: 2017

|    | Level 4<br>Cover Type                      | Size<br>Density  | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:                                                                                                                                                                                                                                      |
|----|--------------------------------------------|------------------|-------|--------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1  | 4131 - Aspen, Oak                          | Sapling Well     | 46.3  | 16           | Immature    | Stand treated timber sale #63-015-97-01, "Evert Block Hdwd". Occasional hemlock, white pine, and cherry. Some low, wet areas within stand. ORV Trail runs through stand.                                                                                  |
| 2  | 4139 - Aspen, Mixed Deciduous              | Poletimber Well  | 101.1 | 35           | 1-50        | Stand treated timber sale #26-77A. Cut in 1980. ORV Trail runs through stand.                                                                                                                                                                             |
| 3  | 4139 - Aspen, Mixed Deciduous              | Poletimber Well  | 71.0  | 27           | 51-80       | Stand treated timber sale #63-63-045-86-01, "Cedar 24". Cut in 1990. ORV Trail runs through stand.                                                                                                                                                        |
| 4  | 4139 - Aspen, Mixed Deciduous              | Sapling Well     | 298.7 | 5            | Immature    | Stand is a combination of two timber sales, #63-025-08-01 Osceola Salvage and #63-028-08-01 Big Salvage. These large sales were the result of storm damage from up to 60 mph winds that occurred in early June of 2008. ORV Trail runs through the stand. |
| 5  | 4139 - Aspen, Mixed Deciduous              | Sapling Well     | 72.4  | 16           | Immature    | Stand treated timber sale #63-015-97-01, "Evert Block Hdwd". ORV Trail runs through stand.                                                                                                                                                                |
| 9  | 4131 - Aspen, Oak                          | Poletimber Well  | 15.5  | 43           | 51-80       | ORV Trails runs through stand.                                                                                                                                                                                                                            |
| 10 | 4199 - Other Mixed Upland Deciduous        | Sapling Well     | 44.7  | 16           | Immature    | Stand treated timber sale #63-015-97-01, "Evert Block Hdwd". ORV Trail runs through stand.                                                                                                                                                                |
| 11 | 4131 - Aspen, Oak                          | Poletimber Well  | 11.8  | 45           | 81-110      |                                                                                                                                                                                                                                                           |
| 12 | 4139 - Aspen, Mixed Deciduous              | Sawtimber Well   | 49.2  | 60           | 81-110      | Occasional sassafras. Beech bark disease was found on a couple of trees to the very northeast part of the stand, adjacent to stand 113.                                                                                                                   |
| 16 | 4131 - Aspen, Oak                          | Poletimber Well  | 36.5  | 45           | 51-80       | Past treatment paperwork could not be found.                                                                                                                                                                                                              |
| 17 | 4139 - Aspen, Mixed Deciduous              | Poletimber Well  | 24.0  | 40           | 1-50        | Stand treated timber sale "Old Grand Block" in 1977.                                                                                                                                                                                                      |
| 18 | 4131 - Aspen, Oak                          | Sapling Well     | 52.6  | 17           | Immature    | Stand treated timber sale #63-001-98-01, "Cedar Township Hdwd". ORV Trail runs through stand.                                                                                                                                                             |
| 20 | 4131 - Aspen, Oak                          | Sapling Well     | 26.6  | 17           | Immature    | Stand treated timber sale #63-001-98-01, "Cedar Township Hdwd".                                                                                                                                                                                           |
| 21 | 4130 - Aspen                               | Poletimber Well  | 48.4  | 26           | 51-80       | Stand treated timber sale #63-042-86-01, "2 Long 40".                                                                                                                                                                                                     |
| 24 | 6128 - Lowland Coniferous, Mixed Deciduous | Sawtimber Medium | 6.2   | 70           | 111-140     |                                                                                                                                                                                                                                                           |
| 26 | 4131 - Aspen, Oak                          | Sapling Well     | 6.9   | 5            | Immature    | ORV Trail runs through stand.                                                                                                                                                                                                                             |

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## Cadillac Mgt. Unit

## Report 8 – Forested Stands

Compartment: 35  
Year of Entry: 2017

|     | Level 4<br>Cover Type                            | Size<br>Density      | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:                                                                                      |
|-----|--------------------------------------------------|----------------------|-------|--------------|-------------|-----------------------------------------------------------------------------------------------------------|
| 28  | 4130 - Aspen                                     | Poletimber<br>Well   | 25.5  | 35           | 51-80       |                                                                                                           |
| 29  | 4130 - Aspen                                     | Poletimber<br>Well   | 20.8  | 45           | 81-110      |                                                                                                           |
| 30  | 4139 - Aspen, Mixed<br>Deciduous                 | Poletimber<br>Well   | 9.6   | 45           | 51-80       |                                                                                                           |
| 50  | 4139 - Aspen, Mixed<br>Deciduous                 | Poletimber<br>Well   | 64.1  | 26           | 81-110      | Stand treated timber sale #63-046-86-01, "US-10".                                                         |
| 51  | 4131 - Aspen, Oak                                | Poletimber<br>Well   | 38.9  | 27           | Immature    | Stand treated timber sale #63-025-87-01, "Evert-West".                                                    |
| 52  | 4131 - Aspen, Oak                                | Sapling Well         | 35.8  | 14           | Immature    | Stand treated timber sale #63-020-97-01, "Mudpuppy Trout<br>Hardwoods".                                   |
| 54  | 4199 - Other Mixed<br>Upland Deciduous           | Sapling Well         | 46.9  | 21           | Immature    | Stand treated timber sale #63-020-97-01, "Mudpuppy Trout<br>Hardwoods".                                   |
| 55  | 4130 - Aspen                                     | Poletimber<br>Well   | 28.8  | 40           | 51-80       | XLog-Log sized red and white oaks scattered throughout.                                                   |
| 56  | 6128 - Lowland<br>Coniferous, Mixed<br>Deciduous | Poletimber<br>Medium | 10.8  | 70           | 1-50        |                                                                                                           |
| 58  | 42111 - Planted Red<br>Pine, Mixed Deciduous     | Sawtimber<br>Well    | 25.0  | 54           | 51-80       | Stand treated timber sale #63-006-07-01, "Elevens Red Pine".<br>Stand planted per FTP# 25 and 27 in 1961. |
| 61  | 4131 - Aspen, Oak                                | Sapling Well         | 38.1  | 18           | Immature    | Stand treated timber sale #63-019-97-01, "Off 10 Aspen".                                                  |
| 62  | 6139 - Mixed Lowland<br>Forest                   | Poletimber<br>Well   | 34.1  | 60           | 51-80       | Small areas west of drainage were habitat cut in 2007.                                                    |
| 64  | 4139 - Aspen, Mixed<br>Deciduous                 | Poletimber<br>Well   | 9.4   | 35           | 81-110      |                                                                                                           |
| 67  | 4131 - Aspen, Oak                                | Sapling Well         | 38.4  | 18           | Immature    | Stand treated timber sale #63-019-97-01, "Off 10 Aspen".                                                  |
| 68  | 4131 - Aspen, Oak                                | Sapling Well         | 29.0  | 17           | Immature    | Stand treated timber sale #63-019-97-01, "Off 10 aspen".                                                  |
| 69  | 4131 - Aspen, Oak                                | Poletimber<br>Well   | 19.5  | 45           | 81-110      |                                                                                                           |
| 70  | 4131 - Aspen, Oak                                | Sapling Well         | 44.5  | 17           | Immature    | Stand treated timber sale #63-019-97-01, "Off 10 Aspen".                                                  |
| 103 | 4130 - Aspen                                     | Poletimber<br>Well   | 62.1  | 25           | Immature    | ORV Trail runs through stand.                                                                             |



|     | Level 4<br>Cover Type                  | Size<br>Density    | Acres | Stand<br>Age | BA<br>Range | General<br>Comments:                                                                                                                                         |
|-----|----------------------------------------|--------------------|-------|--------------|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 113 | 4119 - Mixed Northern<br>Hardwoods     | Sawtimber<br>Well  | 15.4  | 80           | 111-140     |                                                                                                                                                              |
| 117 | 4123 - Red Oak                         | Poletimber<br>Well | 16.6  | 90           | 51-80       | Occasional aspen. Eastern portion of stand has smaller canopy red maple, aspen, and oak. Treated at some point in the past but paperwork could not be found. |
| 118 | 4131 - Aspen, Oak                      | Poletimber<br>Well | 15.8  | 50           | 81-110      |                                                                                                                                                              |
| 121 | 4130 - Aspen                           | Sapling Well       | 41.1  | 26           | Immature    | Stand treated timber sale #63-042-86-01, "2 Long 40".                                                                                                        |
| 150 | 4130 - Aspen                           | Poletimber<br>Well | 26.9  | 45           | 81-110      |                                                                                                                                                              |
| 159 | 42110 - Planted Red<br>Pine            | Sawtimber<br>Well  | 6.7   | 53           | 111-140     | Stand planted per FTP #25 in 1961.                                                                                                                           |
| 162 | 4130 - Aspen                           | Poletimber<br>Well | 22.3  | 35           | 51-80       |                                                                                                                                                              |
| 250 | 4131 - Aspen, Oak                      | Poletimber<br>Well | 36.0  | 45           | 81-110      |                                                                                                                                                              |
| 262 | 4139 - Aspen, Mixed<br>Deciduous       | Poletimber<br>Well | 29.3  | 35           | 51-80       |                                                                                                                                                              |
| 304 | 4199 - Other Mixed<br>Upland Deciduous | Sawtimber<br>Well  | 23.4  | 45           | 51-80       |                                                                                                                                                              |
| 317 | 4139 - Aspen, Mixed<br>Deciduous       | Sapling Well       | 14.8  | 6            | Immature    | Stand treated timber sale #63-025-08-01, "Osceola Salvage".                                                                                                  |
| 350 | 4131 - Aspen, Oak                      | Poletimber<br>Well | 39.3  | 45           | 51-80       |                                                                                                                                                              |
| 517 | 4139 - Aspen, Mixed<br>Deciduous       | Sapling Well       | 19.2  | 6            | Immature    | Stand treated timber sale #63-025-08-01, "Osceola Salvage".                                                                                                  |





| Stand | Cover Type              | Acres | Managed Site | General Comments:                    |
|-------|-------------------------|-------|--------------|--------------------------------------|
| 6     | 6220 - Alder/willow     | 11.4  | No           | Tag alder, willow, perennial stream. |
| 7     | 330 - Low-Density Trees | 4.5   | No           |                                      |
| 8     | 330 - Low-Density Trees | 1.3   | No           |                                      |
| 13    | 6220 - Alder/willow     | 2.0   | No           | Tag alder, willow.                   |
| 14    | 122 - Road/Parking Lot  | 1.5   | No           | US-10                                |
| 15    | 500 - Water             | 1.8   | No           |                                      |
| 22    | 3102 - Grass            | 1.5   | No           |                                      |
| 23    | 122 - Road/Parking Lot  | 1.0   | No           | US-10                                |
| 25    | 6230 - Cattail          | 3.9   | No           |                                      |