

**Good Neighbor Authority
Wisconsin Department of Natural
Resources**

Lakewood/Laona Ranger District
Chequamegon-Nicolet National Forest
T32N,R17E, Sec 36
T31N,R17E Sec. 1
Oconto County, WI

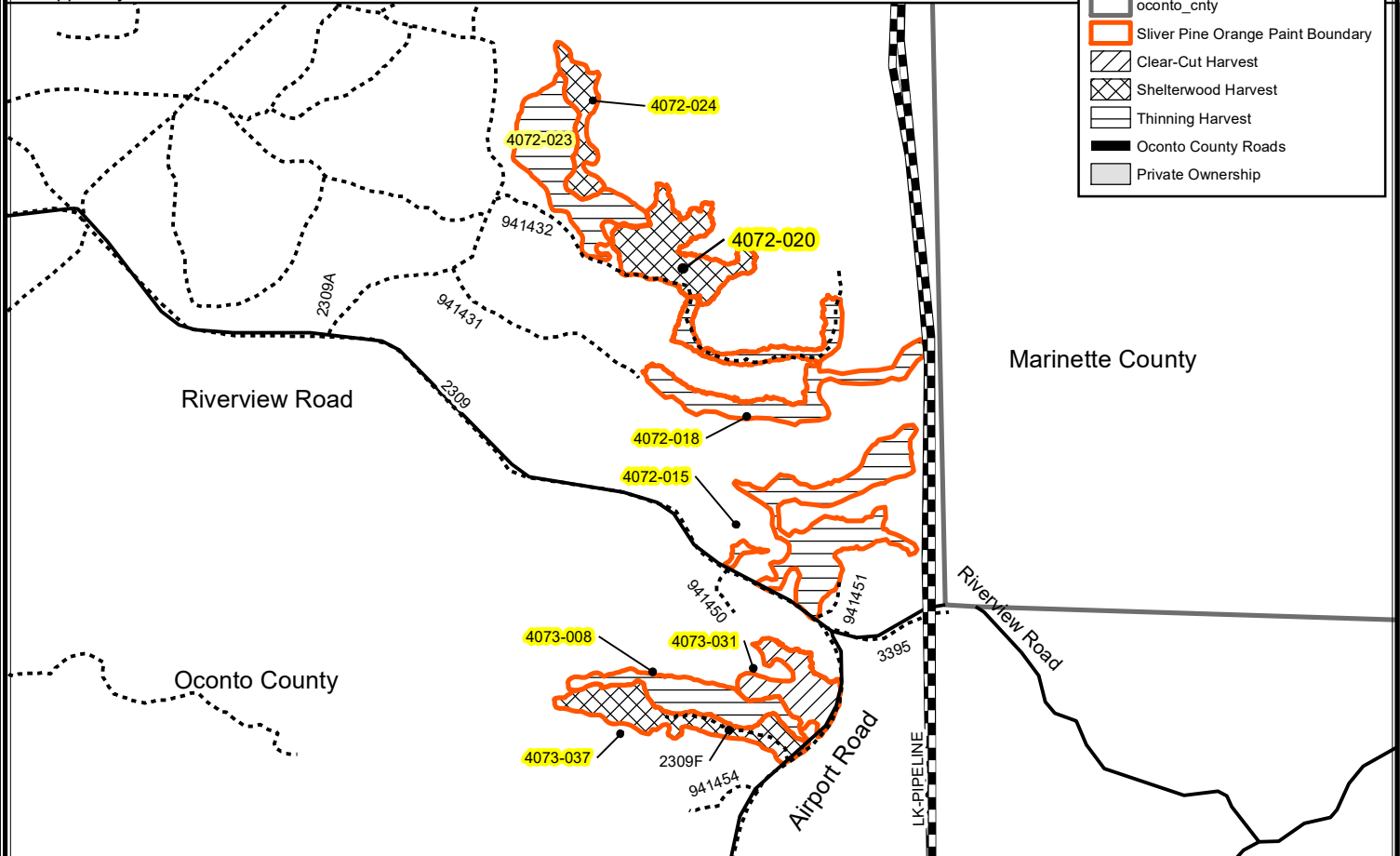
**Sliver Pine Sale
Tract No: 8002-3-18**

111 Total Acres

DNR Contacts:
Avery Jehnke 920-604-5631
Mapped by: Richard Lietz 2018

Legend

- Section Corner
- USFS Trails
- oconto_rds
- CNNF_MVUM_Road
- Powerlines
- Pipelines
- USFS TRAILS LAYER
- CNNF_MVUM_Road
- oconto_cnty
- Sliver Pine Orange Paint Boundary
- Clear-Cut Harvest
- Shelterwood Harvest
- Thinning Harvest
- Oconto County Roads
- Private Ownership



Cutting Prescription:

- Red Pine Thinning Salvage:** Stands 4072-015,018,023, 40703-008 (34 acres First Thinning / 34 acres Second thinning)
 - In All Stands: Harvest all marked trees with **Blue Paint**.
 - Remove nearly all down, root sprung, tipped (over 10% lean), bent over, broken off or badly damaged trees.

- Jack Pine/Oak Clear-Cut Harvest:** Stand 4073-031 (9 acres)
 - Remove nearly all down, root sprung, tipped (over 10% lean), bent over, broken off or badly damaged trees, including those which are marked with orange paint or designated as leave trees.
 - Harvest all trees 1" and greater except designated leave trees and trees marked with **Orange Paint**. **White Pine is designated as a leave trees as well as all advance regeneration of red pine, white pine, and oak.**

- Hardwood Shelterwood Salvage Harvest:** Stands 4072-020,024,037 (34 acres)
 - Remove nearly all down, root sprung, tipped (over 10% lean), bent over, broken off or badly damaged trees, including those which are marked with orange paint or designated as leave trees.
 - Harvest all trees 1" and greater except designated reserve trees and trees marked with **Orange Paint**. **Hemlock, white cedar, yellow birch and beech are designated as a reserve trees as well as all advance regeneration of red pine, white pine, and oak**
 - Harvest will only be allowed in Stands 4072-020,024,037 during FROZEN GROUND CONDITIONS ONLY to prevent excessive rutting and damage due to the high-water table in these stands

**Purchaser required to obtain necessary permits and permissions to forward, deck, and or haul any timber products on LK-Pipeline. Contact DNR timber sale administrator for more information*

**Hauling is prohibited on the ATV/Snowmobile Trails on, weekends starting noon on Friday, through midnight Sunday, Federal Holidays, and between Christmas Day and New Year's Day.*

1:20,000



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Sliver Pine Sale- Prospectus
Tract No.: 8002-3-18

Location: Oconto, WI

31N	R17E	1	NENE NWNE NENW
32N	R17E	36	SWNE, NENW, SENW, SE 1/4

Estimated Volumes and Values

Species	Pulp (Cords)	Logs (MBF)
Red Oak ¹	65	
Mixed Hardwood (MX) ²	270	
Red Pine ³	1450	
Jack Pine ⁴	130	
Aspen	190	
TOTALS	2105	
Minimum Acceptable Bid: \$16,749.00		

Plots were taken on a 3 chain grid and plot data includes measuring individual tree diameter and # of 8' sticks per tree to calculate volumes. Additional salvage volume was added to original cruise estimates based on aerial imagery and inspection of the sale area.

Conversion rate used for hardwoods is 2.2 cords per MBF. Conversion rate used for conifers is 2.44 cords per MBF.

¹Red Oak pulp contains 3.5 MBF of sawtimber

² MX pulp contains 3.6 MBF of sawtimber and is 94% red maple and 6% white birch

³ Red pine contains 38.66 MBF red pine sawtimber

⁴Jack Pine contains jack pine (89%) and white pine(11%)

Sale Conditions:

- Mill Scale Sale
- No bid bond required
- A performance bond of 15% of the total sale bid value required
- The cutting area is approximately **111 acres**
- **The contract period is 2 years**
- Sale bounded by **Orange** paint. See sale maps for specifics
- Do not harvest trees, drop slash, or operate equipment across **Orange** paint line
- No cutting or skidding in areas outlined with **2 or 3 Orange Dots**
- Damage to any residual trees will not be tolerated
- Leave all standing snag and den trees that do not pose a safety hazard
- Utilization will be to a 4" top
- All slash shall be lopped and scattered as it lies within 2' of the ground.

Cutting Prescription:

Red Pine Thinning: Stands 4072-015,018,023, 40703-008 (34 acres First Thinning / 34 acres Second thinning)

- In All Stands: Harvest all marked trees with **Blue Paint**.
- Remove nearly all down, root sprung, tipped (over 10% lean), bent over, broken off or badly damaged trees.

Jack Pine/Oak Clear-Cut Harvest: Stand 4073-031 (9 acres)

- Remove nearly all down, root sprung, tipped (over 10% lean), bent over, broken off or badly damaged trees, including those which are marked with orange paint or designated as leave trees.
- Harvest all trees 1" and greater except designated leave trees and trees marked with **Orange Paint. White Pine is designated as a leave trees as well as all advance regeneration of red pine, white pine, and oak.**

Hardwood Shelterwood Harvest: Stands 4072-020,024,037 (34 acres)

- Remove nearly all down, root sprung, tipped (over 10% lean), bent over, broken off or badly damaged trees, including those which are marked with orange paint or designated as leave trees.
- Harvest all trees 1" and greater except designated reserve trees and trees marked with **Orange Paint. Hemlock, white cedar, yellow birch and beech are designated as a reserve trees as well as all advance regeneration of red pine, white pine, and oak**

Special Conditions:

- **NO SALE MAY BEGIN WITHOUT PRIOR NOTIFICATION AND AN ON-SITE MEETING WITH A WISCONSIN DNR SALE ADMINISTRATOR.**
- Purchaser required to post signs on USFS roads alerting recreationalists of logging activities.
- Equipment must be cleaned before entering and leaving sale area to prevent the introduction/spread of invasive species.
- **Harvest will only be allowed in Stands 4072-020,024,037 during FROZEN GROUND CONDITIONS ONLY to prevent excessive rutting and damage due to the high-water table in these stands**
- Within a 10' wide strip from the edge of the opening along Riverview Road and Airport Road all slash resulting from Purchaser's operations shall be removed.
- Chequamegon-Nicolet Forest Plan requires that all native surfaced approaches to paved or graveled roads have 100 ft. of gravel, 6 in. deep, 12 ft. wide put down when used during non-frozen conditions.
- Purchaser required to obtain necessary permits and permissions to forward, deck, and or haul any timber products on LK-Pipeline. Contact DNR timber sale administrator for more information
- The location and clearing widths of all Temporary Roads shall be agreed to in writing before construction is started. "Temporary Roads" are roads other than Specified Roads that are constructed by Purchaser for the purpose of harvesting included timber.
- When two or more commercial users are simultaneously using the same road, the commercial users will develop maintenance responsibilities and arrangements for accomplishing the work. Seller must agree to this plan. If the commercial users cannot agree on maintenance responsibilities, seller shall resolve the differences.
- The following roads will be decommissioned after use and closed with a berm. Berms must be constructed at designated locations by DNR Sale Administrator and shall be created using the following design features: Berms must be at least four feet in height and must be made with dirt mixed with rocks, stumps, logs, root-wads, or slash and shall be created without creating a defined trench.

- Road 941451

Road Restrictions List

Road Number	Road Name	Termini		Map Legend	Description of Restrictions
		From	To		
2107/2309	Riverview Road	Airport Road	End Of Use	R	1. Used only during surface firm or frozen conditions
2309	Airport Road	Old Hwy 64			
2309F		Airport Road			
941451		Riverview Road			
2309A		Riverview Road			
941431		2309E			
941432		2309B			
3395	Riverview Road	Airport Road			
2107/2309	Riverview Road	94144	2309H	RA	1. Used only during surface firm or frozen 2. Hauling is prohibited on the ATV/Snowmobile Trails on, weekends starting noon on Friday, through midnight Sunday, Federal Holidays, and between Christmas Day and New Year's Day.

Road Maintenance Requirements Summary

Purchaser shall maintain roads, commensurate with Purchaser's use. Roads must be left in as good or better condition than existed prior to harvest. Performance of road maintenance work by Purchaser may be required prior to, during, or after each period of use. The timing of work accomplishment shall be based on Purchaser's operating schedule and road conditions. Specific required road maintenance specifications are included below.

Purchaser shall maintain roads in accordance with the following Contract Road Maintenance Requirements Summary:

Road	Termini		Miles	Timing: - Pre-haul - During - Post haul	Applicable Road Maintenance Specifications		
	From	To			8110	8420	8130
2107/2309	Airport Road	End of Use	1	Pre-Haul During Post Haul	X	X	
2309	Old Hwy 64	End of Use	2.18	Pre-Haul During Post Haul	X	X	
2309F	Airport Road	End of Use	0.25	Pre-Haul During Post Haul	X	X	
941451	Riverview Road	End of Use	0.1	Pre-Haul During Post Haul	X	X	X
2309A	Riverview Road	End of Use	0.5	Pre-Haul During Post Haul	X	X	X
941431	2309E	End of Use	0.38	Pre-Haul During Post Haul	X	X	
941432	2309B	End of Use	.81	Pre-Haul During Post Haul	X	X	
3395	Airport Road	End of Use	0.1	Pre-Haul During Post Haul	X	X	X

Specification No.	Specification Title
T-8110	Maintenance Blading/Grading
T-8420	Cutting Roadway Vegetation
T-8130	Spot Surface Course Placement/Replenishment

T-8110: Maintenance Blading/Grading is keeping an aggregate surfaced Roadbed in a condition to facilitate traffic and provide proper drainage. It includes maintaining the Crown, Inslope or Outslope of the Traveled Way, Turnouts, and Shoulder; repairing Berms; blending approach road intersections; and cleaning Drainage Dips and Lead-off Ditches.

T-8420: This work includes removal of brush, trees and other vegetative growth from within the clearing limits. This may include brush mowing of shoulders to prevent larger growth which would inhibit travel in the future.

T-8130: This work includes subgrade preparation, furnishing, hauling, spreading, and shaping materials in accordance with USFS requirements. Only commercial sources of aggregate will be accepted, except surfacing material may also be purchased from the government, where available, by filling out a form, 2600, paying the required fees, and obtaining a permit.