

## NOTICE OF SALE

### Department of Natural Resources & Conservation Timber Sale

The Lone Lake Timber Sale is located within Section 36, T28N-R24W, on the State's Kalispell Unit. Approximately 9,473 tons, consisting of mixed conifer sawlogs, are offered for sale.

Sealed bids will be opened at the Department of Natural Resources & Conservation, 2705 Spurgin Road, Missoula, Montana on **November 29, 2017 at 2:00 p.m.** Bids may be hand delivered or mailed and will be accepted any time prior to the bid opening. **DNRC recommends that bidders contact the Trust Land Management Division (406-542-4300) prior to the bid opening to ensure that your bid has been received.** Bids must be accompanied by a deposit of **\$9,288.00**, representing 5% of the minimum bid value of the sale in cashier's check, certified check, bank money order or bank draft to be applied to the first sale invoice for the successful bidder. Bid bonds will be accepted and, for the successful bidder, will be closed upon execution of the Timber Sale Contract and Timber Sale Bond.

The sale will be awarded to the highest responsible bidder. **Award of the timber sale is conditional upon approval of the timber sale by the State Board of Land Commissioners at their November 20, 2017 meeting.** If the successful bidder is unable to execute the contract within **30** calendar days from the date the sale is awarded, the bid deposit will be retained by the Department as liquidated damages. The right is reserved to reject any or all bids.

Prospective bidders can obtain the sale prospectus, sale contract and bid forms from the Department of Natural Resources & Conservation, Trust Land Management Division, in Missoula (406-542-4300) or the Northwestern Land Office in Kalispell (406-751-2393).

Visit our website at <http://dnrc.mt.gov/divisions/trust/forest-management/timber-sale-information> for upcoming sales and bid results.

**TIMBER SALE PROSPECTUS**  
**MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION**

<b>Timber Sale Name:</b>	Lone Lake Timber Sale		
<b>Timber Sale Location:</b>	Section 36, T28N, R24W		
<b>For specific sale information, contact:</b> Pete Seigmund			
Phone	406-751-2266	Kalispell	Unit Office
<b>For copies of the Timber Sale Contract and bid forms, contact:</b>			
Phone	406-542-4300	Forest Management Bureau	DNRC Missoula Office
Phone	406-751-2240	Northwestern	Land Office

**General Bidding Information**

1. Bids must be submitted on standard Department of Natural Resources & Conservation (Dept) bid forms.
2. Timber will be sold to the highest responsible bidder; however, the Dept reserves the right to reject any or all bids.
3. The Dept recommends that bidders contact the Forest Management Bureau, Trust Land Management Division (542-4300) prior to the bid opening to ensure that your bid has been received.
4. A **Bid Guarantee** must accompany all bids and must be in the form of cash, cashiers check, certified check, money order, bank draft, surety bond or irrevocable letter of credit.
5. The Purchaser must submit a **Performance Bond** to the Dept within a maximum of 45 days of notification of sale award. The bond amount will be, at a minimum, 20% of the total bid value of the sale. The performance bond may be in the form of cash, irrevocable letter of credit, surety bond or certificate of deposit. The performance bond must be maintained separately from other payments for the duration of the sale contract. See the Timber Sale Contract for additional information.
6. The purchaser must submit an **Advance Stumpage Payment** prior to cutting any timber. The amount of the advance stumpage payment will be based on the expected harvest rate and the bid value of the stumpage. The advance stumpage payment may be in the form of cash, irrevocable letter of credit, payment bond or certificate of deposit.
7. At rates specified in the Contract, the purchaser will pay **Forest Improvement Fees** on all sawlog volume. All applicable **Road Use and/or Maintenance fees** will also be paid by the Purchaser in addition to stumpage payments.
8. This sale is being sold based on the gross weight of all species. Minimum price and bid price are on a per ton basis. Unless specified, the price applies to all species, green and dead. Price may vary by product. Billing will be based on gross weight. A weight ticket from a certified scale is required for each load hauled, regardless of product type.
9. The Dept has estimated the net scale merchantable sawlog volume to be available for purchase under this contract. Other products may be part of this sale. All delivered wood will be weighed and billed at per ton bid rates. The Dept recognizes that a percentage of delivered wood may not meet the log manufacturing and recovery standards of the timber sale contract. The actual percentage will vary based on the log manufacturing and recovery specifications of the purchaser and tree conditions in the sale area. The actual delivered weight may vary, resulting in an overrun or under-run of the estimated tonnage. The Dept strongly recommends that bidders evaluate these effects before bidding.
10. The Dept does not conduct detailed road appraisals. All appraised costs are gross estimates or averages, provided only to show the relative amount of work required, and not the true market value. The Dept strongly recommends that bidders make their own estimates based on contract requirements. Cost estimates provided are not guaranteed.
11. Bidders are encouraged to examine the complete Timber Sale Package and Sale Area prior to bidding. Additional information is available at the phone numbers shown above.
12. Estimates for sale volume, species percents, defect, product class, etc. provided in this prospectus and volume estimates listed in the sale contract are not guaranteed.
13. This prospectus is provided for information purposes only. If the prospectus is in error or contradicts the Timber Sale Contract, the contract governs.

**Additional Sale Information:**

1. PURCHASER CUT TREE SELECTION: Trees are required to be cut if they meet the following criteria:
  - a. Seed Tree Cutting Specifications: Units # 1, 2, 4
    - Maintain a maximum spacing of 60 feet between leave trees (measured between tree boles). This will leave approximately 10 to 12 trees per acre.
    - Favored leave tree species in order: Western larch, Douglas- fir, Engelmann Spruce.
    - Cut all dwarf mistletoe infested merchantable trees.
    - Cut all bark beetle infested merchantable trees.
    - Protect all insect and disease free regeneration.
    - Retain all dead trees greater than 21”.
  - b. Overstory Removal Specifications: Unit # 3
    - Maintain a maximum spacing of 100 feet between leave trees (measured between tree boles). This will leave approximately 4 to 6 trees per acre.
    - Favored leave tree species in order: Ponderosa pine, Western larch, Douglas- fir.
    - Cut all dwarf mistletoe infested merchantable trees.
    - Cut all bark beetle infested merchantable trees.
    - Protect all insect and disease free regeneration.
    - Retain all dead trees greater than 21”.
2. BALD EAGLE TIMING RESTRICTION: No harvest activities may occur inside the ½-mile circle (see unit map in Attachment A) from February 1 thru August 15. This includes road work and harvest operations. This restriction may be waived by the wildlife biologist if the nest is determined to be unoccupied.
3. LOON BUFFER TIMING RESTRICTION: No harvest activities may occur inside the 500-foot buffer along Lone Lake (see unit map in Attachment A) from April 1 thru July 15. This includes road work and harvest operations. This restriction may be waived by the wildlife biologist if the nest is determined to be unoccupied.
4. NONSAWLOG AND BIOMASS REMOVAL: The Purchaser has the option of removing non-sawlog material at the rate of \$1.00/ton.
5. SKYLINE YARDING REQUIRED: A skyline yarding system capable of yarding 1,500 feet external yarding distance uphill must be used. A carriage capable of 50 feet minimum lateral yarding distance is required. The carriage must maintain a fixed position on the skyline while lateral yarding.
6. NUTRIENT RECYCLING REQUIREMENT: Purchaser is required to leave material in the unit for recycling of forest nutrients. At the same time, logging slash loading shall be kept to a minimum by skidding and piling some slash at the landings.
7. SLASHING OF LOGGING-DAMAGED TREES REQUIRED: The Purchaser shall fell all submerchantable trees with logging-related root or stem damage, causing lean. The stem shall be completely severed from the stump below the lowest live limb. Maximum stump height shall be 12 inches on the uphill side
8. STEEP SLOPE YARDING: The Purchaser is required to develop a yarding plan for steep portions of this unit that avoids ground based equipment operation on slopes over 40%. To be approved, the plan must include methods that minimize erosion, displacement and compaction, and keep the area covered by any equipment trails to less than 20% of the total acreage. Yarding plans may include, but are not limited to, directional hand felling and winchline skidding, designated go-back trails, compacted snow trails, or skyline yarding.
9. OPTIONAL HARVEST UNIT: Unit 4 is an optional 9-acre harvest unit. Purchaser must follow requirements in Part VII. LOGGING if unit is harvested.

**Timber Sale Information Sheet**  
**Montana Department of Natural Resources and Conservation**

<b>Lone Lake Timber Sale</b>										
<b>Timber Sale Cruise Data</b>										
SPECIES		DF	WL	LP		SAF	ES	GF	Dead	TOTAL or AVE
Minimum Bid										\$19.61 per ton
Pounds per cubic foot		62	58	56		55	57.0	60.0	40.0	
Estimated tons of sawlogs (5.6" top DIB)		4,921	3,078	166		91	986	180	51	<b>9,473 tons</b>
Estimated tons of other material (pulp, etc)										
Gross MBF (Scribner 5.6" top DIB)		763	688	26		20	196	32	105	1,830 MBF
% Cull and Breakage		11	21	11		23	14	19	88	20.0%
Net MBF (Scribner 5.6" top DIB)		679	539	23		16	168	26	12	1,463 MBF
Average logs per MBF		25.3	17.8	34.7		24.1	19	25.7	40	22.0 logs/M
Average DBH		12	13	9		14	13	12	13	12.0 in.
Average tons per acre harvested in leave-tree marked units	→									40 tons/ac
Average tons per acre harvested in cut-tree-marked units	→									0 tons/ac
Average MBF to cut per acre on the timber sale	→									6.2 MBF/ac
Range of cut trees per acre based on unit cruise	→									90 to 128
Calculated Sampling Error: Total cruised volume will fall between	1,697 and 1,229 Net MBF in 9 out of 10 cruises									16.0%
<b>Tons Per Thousand Board Feet</b>										
Contract Value - Estimated tons hauled per thousand Scribner board feet	9,473 estimated tons to a 5.6 inch top / 1,463 Net MBF Scribner to a 5.6 inch top DIB									6.48 tons/MBF

<b>Contract Information</b>	
Contract ending date	11/1/2019
Operating Season:	When soil and site conditions allow: <b>Loon and Bald Eagle Timing Restrictions</b>

**Timber Sale Information Sheet**  
**Montana Department of Natural Resources and Conservation**

<b>Logging Information</b>	
% of volume logged by clearcut or seed tree cut	96%
% of volume logged with tractors	82%
% of volume logged by ground lead (jammer)	00%
% of volume logged by skyline	18%
Yarding distance tractor (average)	800 ft.
Yarding distance ground lead (average)	0 ft.
Yarding distance skyline (average)	600 ft.
Estimated haul distance (paved)	21.0 miles
Estimated haul distance (unpaved)	8.0 miles

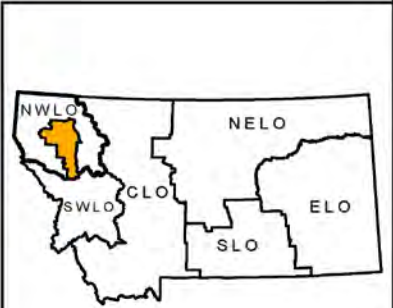
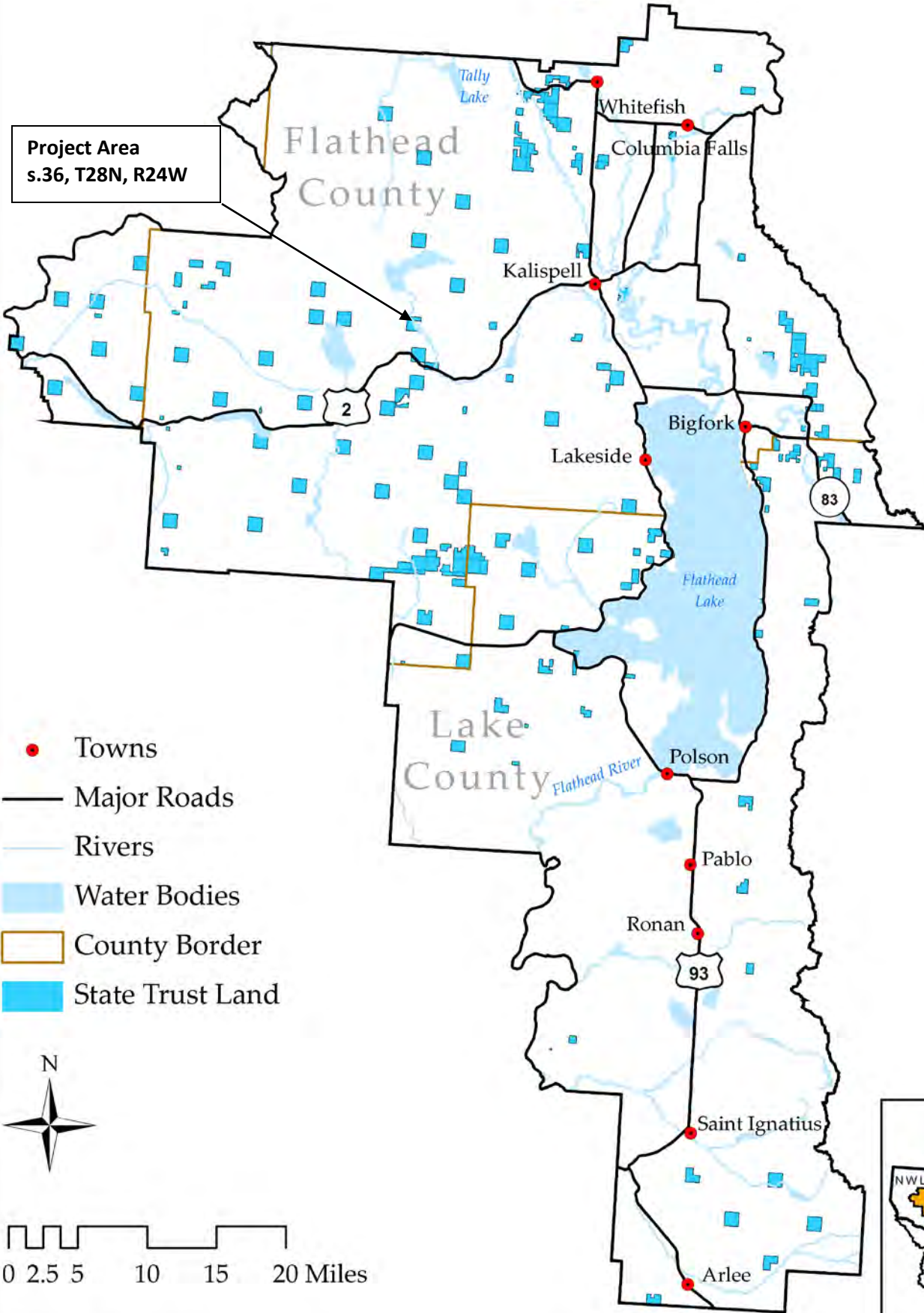
<b>Purchaser fees and estimated costs</b>	
Forest Improvement fee perMBF	\$24.00/MBF
Forest Improvement fee per ton	\$3.70/ton
Forest Improvement fee estimated total	\$35,050.10
Forest Improvement fee quarterly installment	due with stumpage
Estimated Purchaser-do FI total \$	\$0
Estimated Purchaser-do FI per ton	\$0.00/ton
Estimated Purchaser-do slash disposal work total	\$0.00
Estimated Purchaser-do slash disposal work per ton	\$0.00/ton
<b>Bid Guarantee (total \$)</b>	<b>\$9,288.00</b>
<b>Performance Bond (total \$)</b>	<b>20% of bid value</b>

<b>Road development and maintenance fees and estimates</b>	
Estimated road development cost total	\$23,996
Estimated road development cost per ton	\$2.53/ton
Estimated road development cost perMBF	\$16.40/MBF
Estimated Purchaser-do road maintenance cost total	\$1,508
Estimated Purchaser-do road maintenance cost per ton	\$0.16/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	0.1 miles
Miles of road reconstruction	0.0 miles
Miles of road with site improvements	6.0 miles
Miles of road reclamation or abandonment	0.0 miles
Miles of road maintenance and blading	6.0 miles

<b>Unit harvest volume</b>				
Unit #	Acres	Est Tons	Est MBF	Harvest date
1	31	1,750	270	October 1, 2019
2	156	7,369	1,137	October 1, 2019
3	49	355	55	October 1, 2019
4 (optional)	9	425	66	October 1, 2019
	245 Ac.	9,899 tons	1,528 MBF	

# LONE LAKE VICINITY MAP

## KALISPELL UNIT

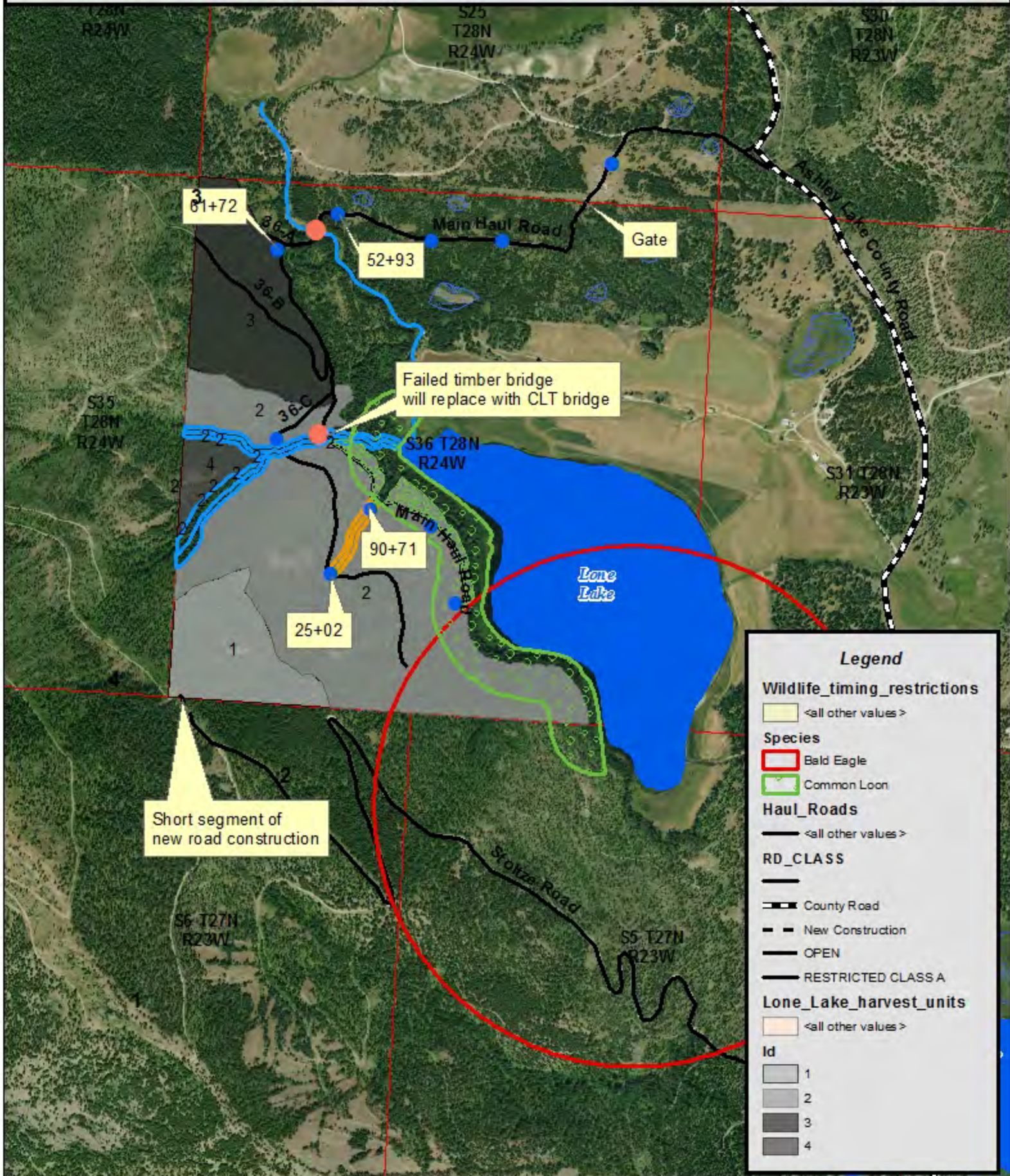
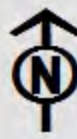


# Lone Lake Timber Sale Project

## Haul Route Map

### S. 36, T28N, R24W

Attachment A



Short segment of new road construction

Failed timber bridge will replace with CLT bridge

Gate

Lone Lake

Main Haul Road

Main Haul Road

81+72

52+93

90+71

25+02

36-B

36-C

2-7

2-7

2-7

2-7

2-7

2-7

2-7

2-7

2-7

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S25 T28N R24W

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T28N R24W

S35 T28N R24W

S31 T28N R23W

S6 T27N R23W

S5 T27N R23W

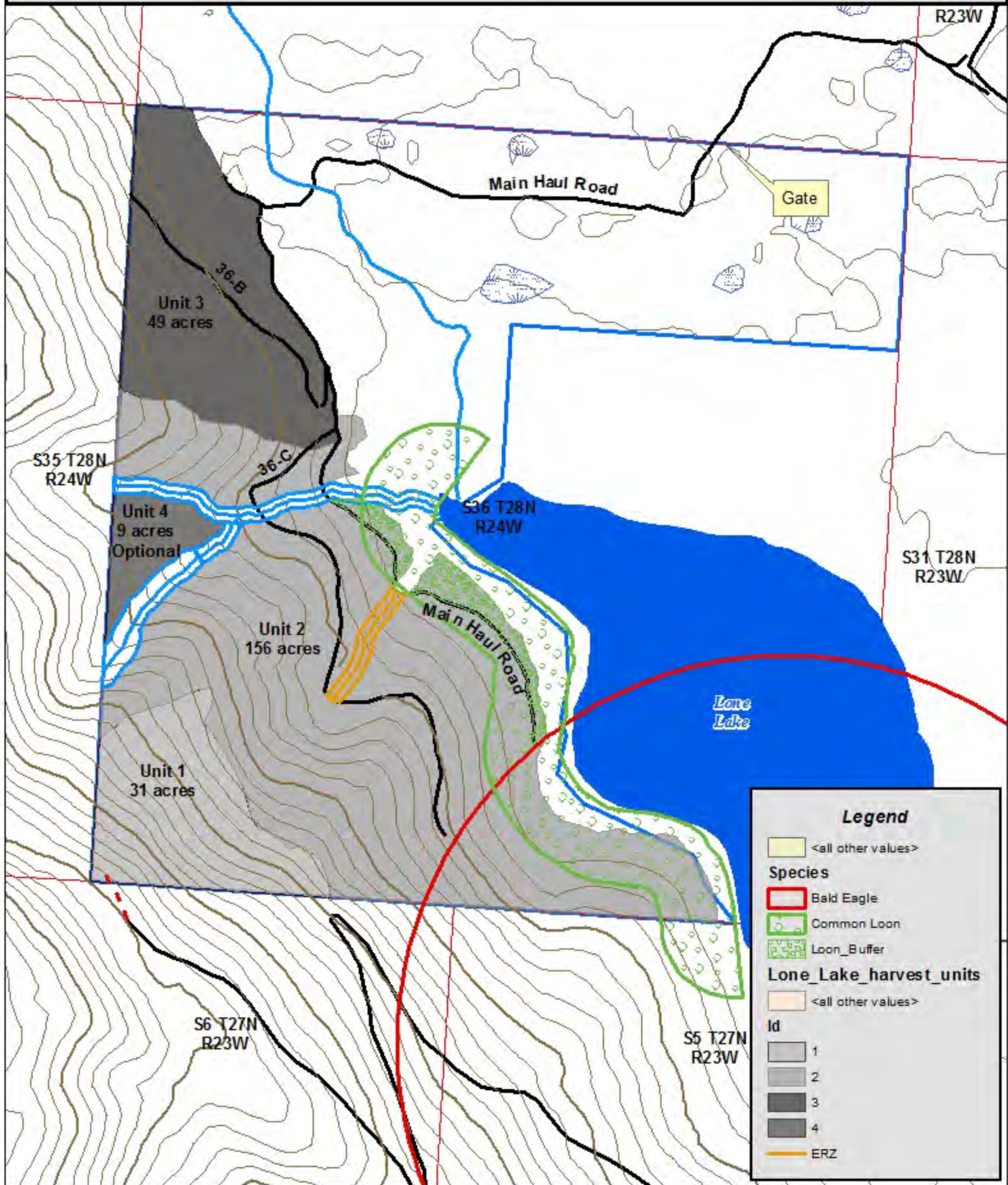
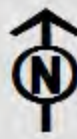
Ashtery Lake County Road

Stoltze Road

# Lone Lake Timber Sale Project

## S. 36, T28N, R24W

Attachment A



**Legend**

- <all other values>
- Species**
  - Bald Eagle
  - Common Loon
  - Loon\_Buffer
- Lone\_Lake\_harvest\_units**
  - <all other values>
- Id**
  - 1
  - 2
  - 3
  - 4
  - ERZ