

NOTICE OF SALE

Department of Natural Resources & Conservation Timber Sale

The Buffalo Bill Timber Sale is located within Sections 20, 22, and 28, T21N-R26W on the State's Plains Unit. Approximately 28,121 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 **April 18, 2024 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 \$29,294.00**, 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 March 18, 2024, 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).

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

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

Timber Sale Name: Buffalo Bill			
For specific sale information, contact: Joe Buchanan			
Phone	406-826-4725	Plains Unit Office	
For copies of the Timber Sale Contract and bid forms, contact:			
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 Department of Natural Resources & Conservation (State) bid forms.
2. Timber will be sold to the highest responsible bidder; however, the State reserves the right to reject any or all bids.
3. The State recommends that bidders contact the Forest Management Bureau, Trust Land Management Division (406-542-4300) prior to the bid opening to ensure that your bid has been received.
4. A **Bid Deposit** 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 State within 30 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 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 Timber 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 cover six weeks of harvesting and be based on the expected harvest rate and the bid value of the stumpage. The advance stumpage payment may be 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 otherwise 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 State has estimated the net scale merchantable sawlog volume to be sold 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 State 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 State strongly recommends that bidders evaluate these effects before bidding.
10. The State 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 State 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 Timber 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:

A key will be needed to access portions of the sale area. Contact Joe Buchanan at 406-826-4725 to check out a key.

Alternative haul route may be approved with the purchaser responsible for gaining access. Roads in Attachment B will be built to give DNRC access to the parcels covered under this timber sale.

Logging Requirements:

- G. SPECIAL OPERATING REQUIREMENTS:** The following requirements are to be performed by the Purchaser in specific sale units as shown in Section VII.F, UNIT DESIGNATIONS.
1. **CONVENTIONAL GROUND-BASED YARDING:** This unit may be yarded using conventional ground-based yarding equipment.
 2. **SKYLINE YARDING REQUIREMENTS:** A skyline yarding system capable of yarding 1,600-2,000 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.
 - a. Skyline corridors shall be spaced not less than 75 feet apart unless approved by the Forest Officer. In the case of ridges where fan-shaped settings are required, the minimum distance at the widest divergence will be 150 feet.
 - b. The location of all skyline corridors shall be approved by the Forest Officer in advance of any felling operations.
 - c. Purchaser will be required to locate the following prior to approval by the Forest Officer:
 - i. all corridors after determining adequate deflection (minimum 5%)
 - ii. tail trees or tail holds
 - iii. intermediate support tree
 - iv. guyline anchors
 - v. blind leads
 - vi. decking areas
 - d. Clearing width for corridors must be kept to the absolute minimum necessary to accommodate yarding and shall not exceed 12 feet.
 - e. Except for lateral yarding, logs shall be yarded with one end suspended or fully suspended.
 - f. Multispan skyline yarding required: To obtain adequate deflection, intermediate supports may be required on some corridors.
 - g. High tail trees required: Tail trees or lift trees suitable to obtain adequate deflection may be required.
 - h. When rigging is attached to trees not designated for cutting, tree plates or similar effective protective devices may be required and will be removed at completion of use.
 - i. Mobile tailholds or mobile guyline anchors are restricted to areas where it is not necessary to build constructed trails for equipment access unless agreed upon in writing by the Forest Officer.
 - j. In the event that special problems outside the scope of the skyline logging specifications are identified by either party, the Purchaser and the Forest Officer will mutually agree upon the solution.
 3. **ALTERNATE YARDING SYSTEMS MAY BE APPROVED:** The Forest Officer may approve alternative yarding methods besides those specified for each sale unit. An alternative system proposed by the Purchaser must be approved by the Forest Officer at or before the time the Logging Operations Plan for the unit is approved. The Forest Officer will only approve alternatives that are consistent with planned mitigation and resource protection measures. Alternatives may include tethered equipment or other systems. Costs of alternative systems will be borne by the Purchaser.
 4. **RESERVED SUBMERCHANTABLE TREE PROTECTION:** Care shall be exercised in felling and skidding operations to minimize damage to sub-merchantable trees. Retain patches of advanced regeneration for wildlife hiding cover throughout the harvest unit with preference for shade tolerant species. If damage is excessive as determined by the Forest Officer, operations may be suspended until suitable arrangements are made to reduce damage.
 5. **SLASHING OF LOGGING-DAMAGED TREES REQUIRED:** The Purchaser shall fell all sub-merchantable 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.

- 6. HIGH BANKING REQUIRED: Fall trees on uphill side that are reachable from the road.
- 7. SKID TRAIL SPACING: Skid trails shall be spaced not less than 60 feet apart between trails except at common landings.
- 8. ADVERSE SKIDDING: Purchaser may be required to adverse skid.
- 9. ADVERSE HAULING: Purchaser will be required to adverse haul. Unit 20-1L will have approximately 3.0 miles of adverse hauling. Units 28-1T, 28-2T, and 28-3T will have approximately 1.1 miles of adverse hauling.

TABLE B-2: MATERIALS FURNISHED AND INSTALLED BY THE PURCHASER:					
The Purchaser is required to furnish the described material and install as required in Attachment B. Quantities are estimated, and the Attachment B requirements and specifications must be met regardless of the estimated amounts. All materials furnished by the Purchaser become the property of the State when installed. If, due to a minor design change, material is not installed, the material will be delivered to the nearest DNRC Unit Office and become property of the State upon delivery.					
Corrugated Metal Pipe				Other Materials	
No.	Diameter	Length	Gauge	Amount	Description
1	18	42	16		N/A
2	18	36	16		
Fill Material					
Yards	Type			Delivery Location	
3	Rock Armor			Road 28-1 and Road 28-2	

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

Buffalo Bill TS												
Timber Sale Cruise Data (Scribner 5.6" top DIB, Filter: All All Cut)												
SPECIES	PP	DF	WL	LP	ES	GF	RC	AF	WP	WH	Dead	TOTAL or AVE
Minimum Bid per ton												\$20.83
Pounds per cubic foot	62.0	61.7	58.3	56.0		60.0						
Estimated tons of sawlogs	10556	15396	1615	101		453						28,121 tons
Estimated tons of non-sawlog material												0 tons
Gross MBF	1825	2450	338	18		112						4,743 MBF
% Cull and Breakage	11.7	14.1	21.8	15.0		40.9						14.4%
Net MBF	1612	2104	264	15		66						4,062 MBF
Average logs per MBF	19.5	26.8	24.6	25.8		39.6						23.9 logs/MBF
Average DBH	12.7	11.7	12.0	10.5		11.5						12.1 in.
Average tons to cut per acre	→											58 tons/ac
Average MBF to cut per acre	→											8.4 MBF/ac
Total Average TPA Cut	→											107
Calculated Sampling Error: Total cruised volume will fall between	3,713 and 4,411 Net MBF in 9 out of 10 cruises											8.6%
Tons Per Thousand Board Feet												
Conversion Factor - Estimated tons hauled per thousand Scribner board feet	28,121 estimated tons / 4,062 Net MBF											6.92 tons/MBF

Contract Information	
Contract Termination Date:	June, 30 2028
Operating Period:	When soil conditions are dry, frozen or snow covered

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

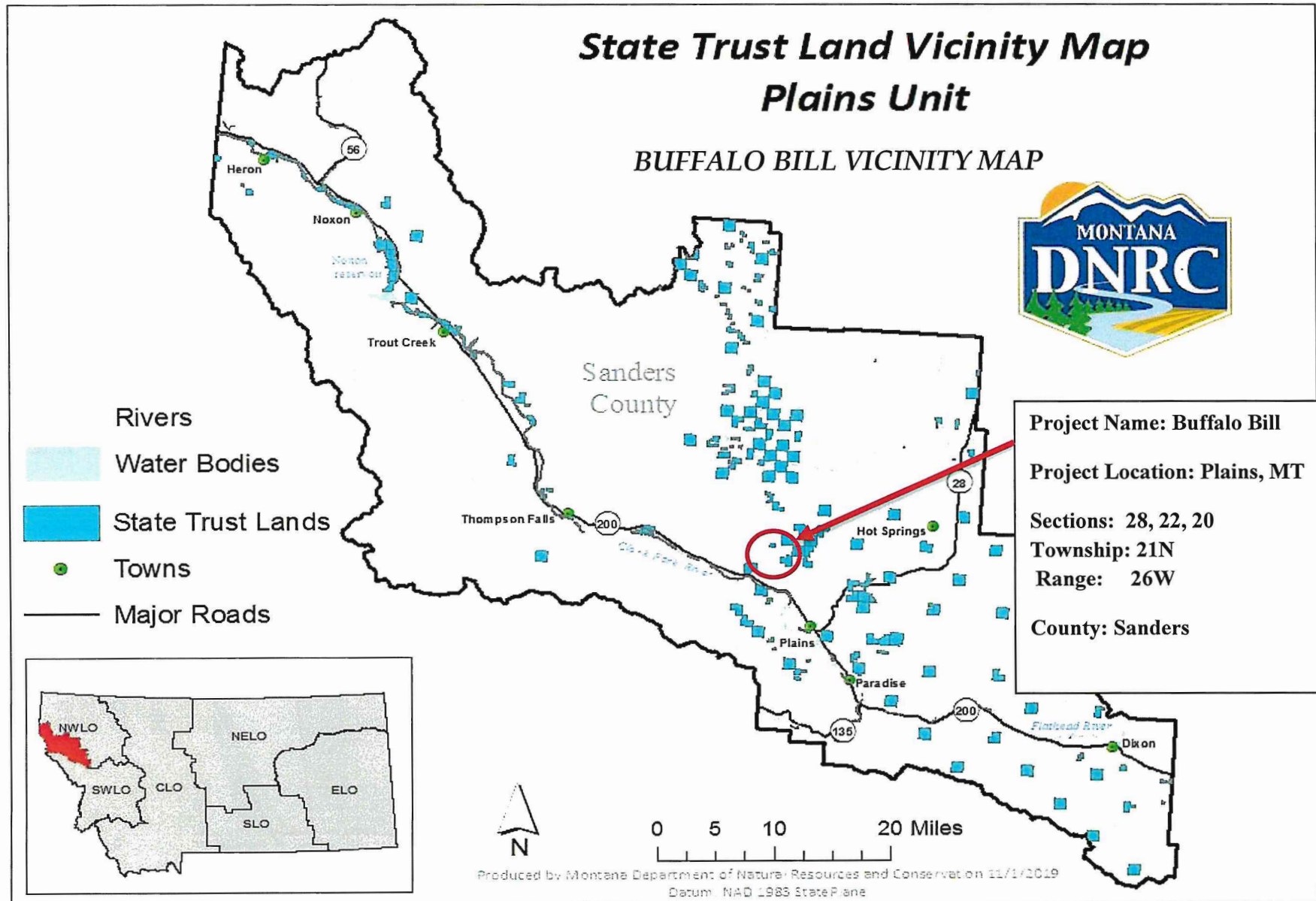
Logging Information	
% of volume logged by clearcut or seed tree cut	00%
% of volume logged with tractors	82%
% of volume logged by skyline	18%
% of volume logged by other system (specify)	00%
Yarding distance tractor (average)	500 ft.
Yarding distance skyline (average)	500 ft.
Yarding distance other system (specify)	0 ft.
Estimated haul distance (paved)	25 miles
Estimated haul distance (unpaved)	14.2 miles

Purchaser fees and estimated costs	
Forest Improvement fee perMBF	\$26.60/MBF
Forest Improvement fee per ton	\$3.84/ton
Forest Improvement fee estimated total	\$107,984.64
Forest Improvement fee quarterly installment	\$17,997.44
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

Road development and maintenance fees and estimates	
Estimated road development cost total	\$138,825
Estimated road development cost per ton	\$4.94/ton
Estimated road development cost perMBF	\$34.18/MBF
Estimated Purchaser-do road maintenance cost total	\$9,915
Estimated Purchaser-do road maintenance cost per ton	\$0.35/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	4.0 miles
Miles of road reconstruction	0.0 miles
Miles of road with site improvements	0.0 miles
Miles of road reclamation or abandonment	0.0 miles
Miles of road maintenance and blading	13.8 miles

Unit harvest volume				
Unit #	Acres	Est Tons	Est MBF	Harvest Deadline
Unit 20-1L	36	1849	267	November 30, 2027
Unit 28-1L	38	1812	262	November 30, 2027
Unit 28-1T	44	1993	288	November 30, 2027
Unit 28-2T	56	3654	528	November 30, 2027
Unit 28-3T	26	1848	267	November 30, 2027
Unit 28-4T	90	5742	829	November 30, 2027
Unit 28-5T	76	4382	633	November 30, 2027
Unit 28-6T	13	1022	148	November 30, 2027
Unit 28-7T	12	459	66	November 30, 2027
Unit 28-8T	43	1994	288	November 30, 2027
Unit 28-9T	50	3365	486	November 30, 2027
	484 Ac.	28,121 tons	4,062 MBF	

A-1: Timber Sale Vicinity Map



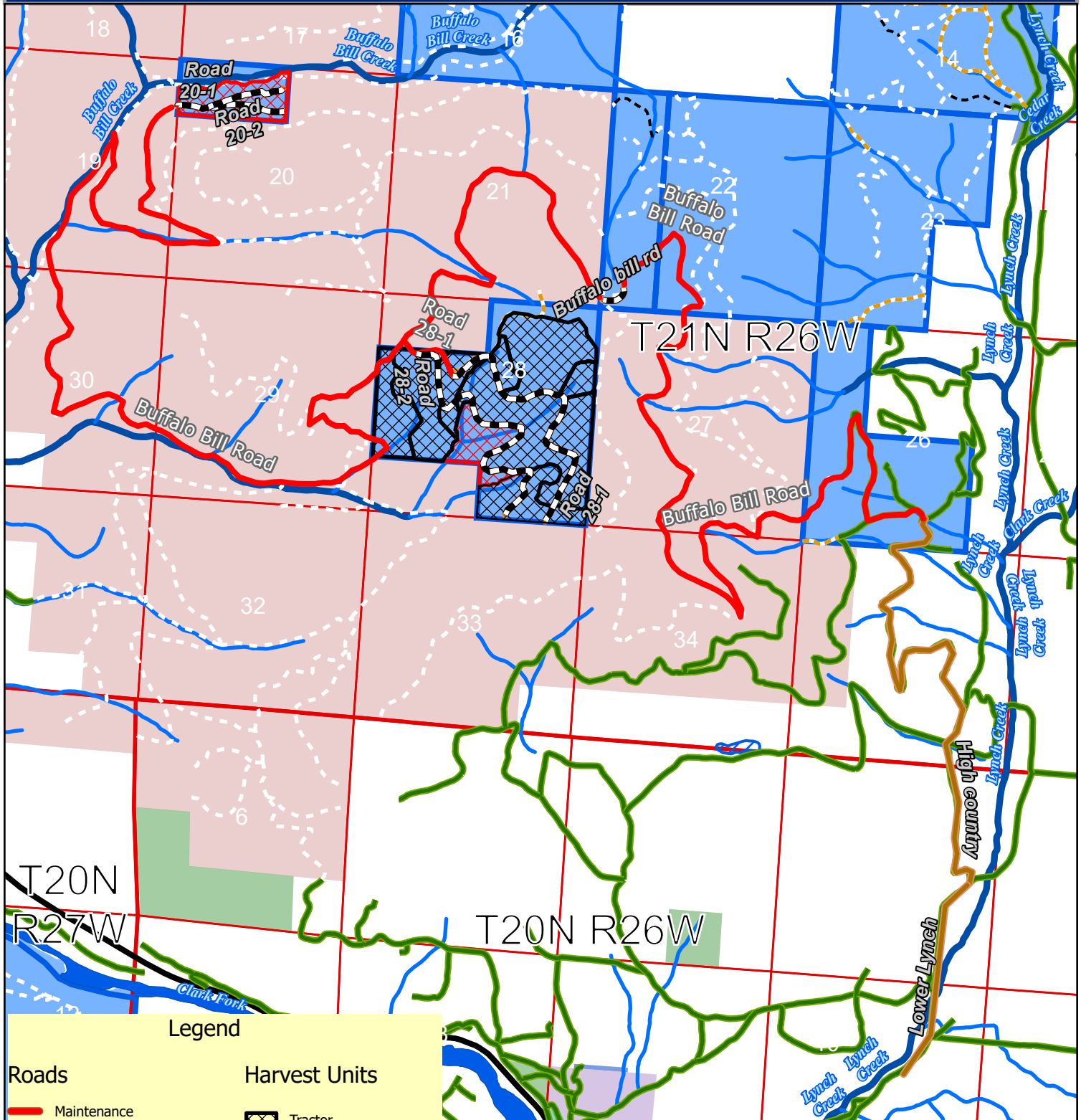
Attachment A-2 Buffalo Bill Timber Sale

Haul Route Map

S28 T21N R26W

S22 T21N R26W

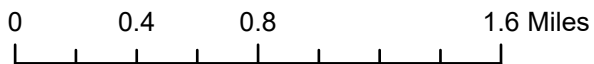
S20 T21N R26W



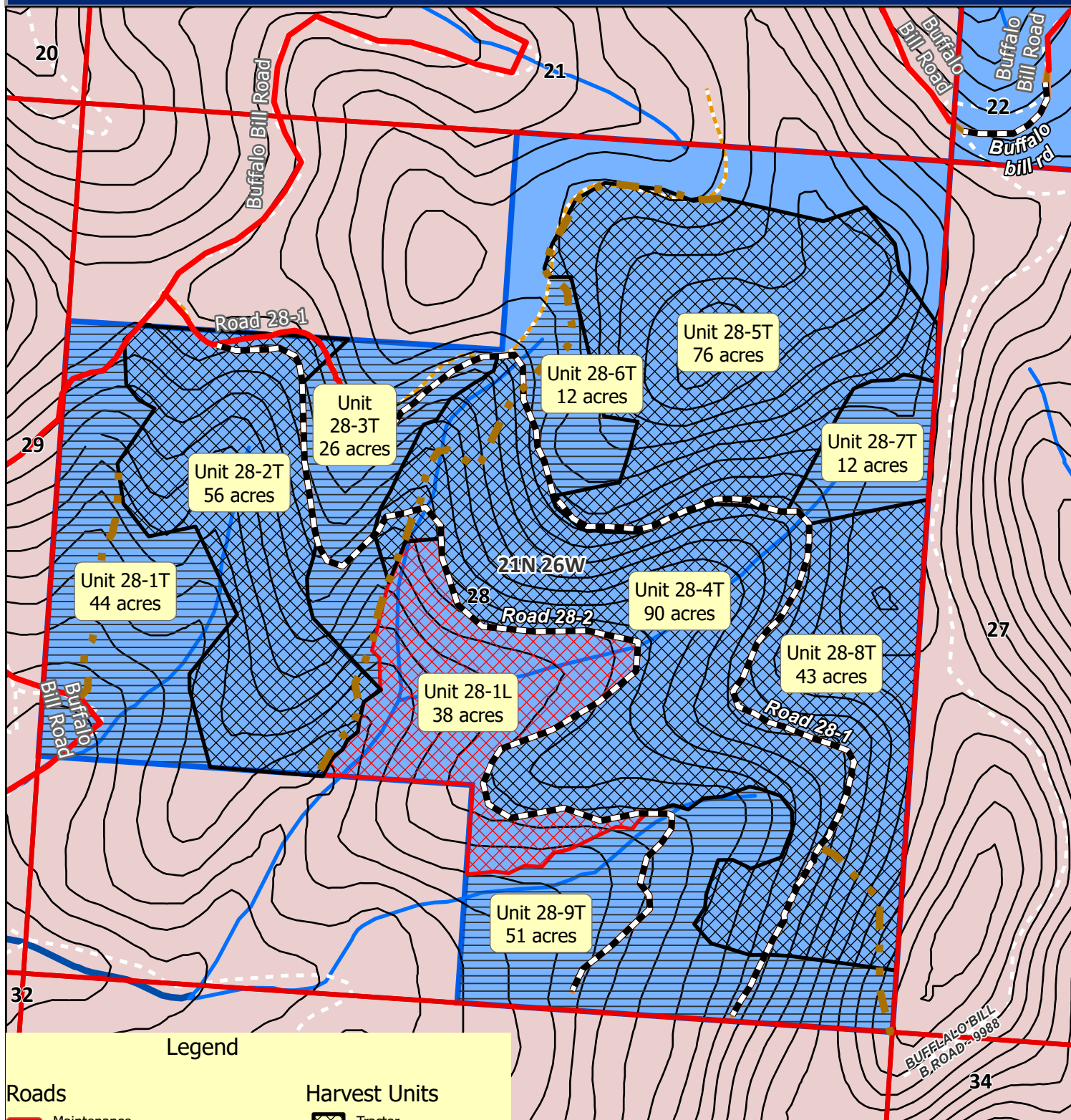
Legend

Roads	Harvest Units
Maintenance	Tractor
New Construction	Cable
Paved Road	
Highway 200	
Ownership	
Green Diamond	
MT DNRC	

Montana DNRC
 Trust Land Management Division
 Northwestern Land Office
 Plains Unit JB 12/26/23



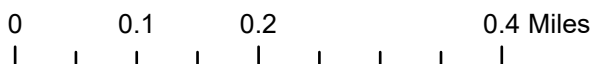
Attachment A-3 Buffalo Bill Timber Sale
 Harvest Map
 S28 T21N R26W
 S22 T21N R26W



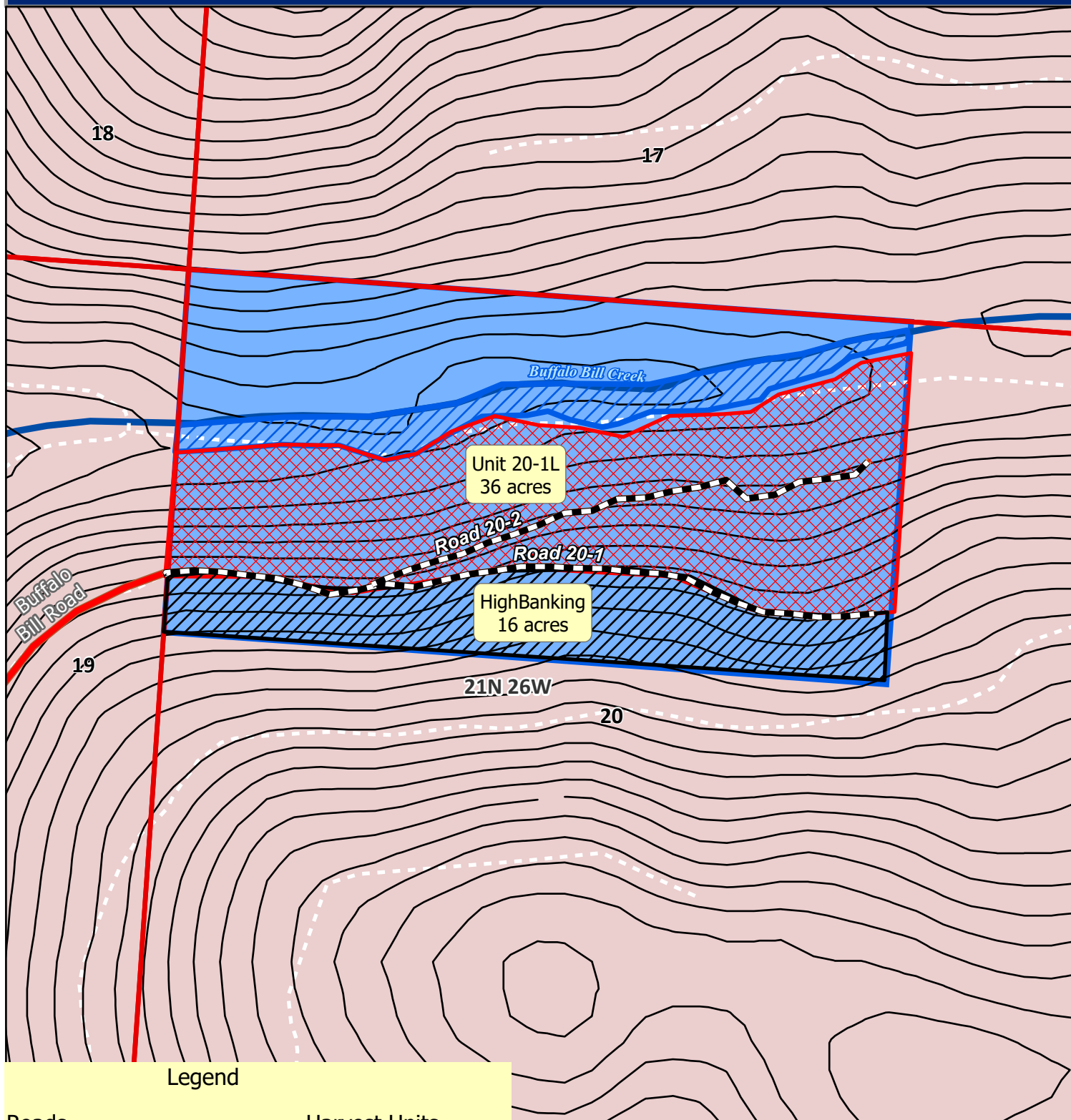
Legend

Roads	Harvest Units
Maintenance	Tractor
New Construction	Tractor
Existing Excavated Skid Trail	Cable
Ownership	
Green Diamond	
MT DNRC	

Montana DNRC
 Trust Land Management Division
 Northwestern Land Office
 Plains Unit JB 1/22/24



Attachment A-4 Buffalo Bill Timber Sale
Harvest Map
S20 T21N R26W



Legend

Roads

- Maintenance
- New Construction

Ownership

- Green Diamond
- MT DNRC

Harvest Units

- SMZ
- High Banking
- Cable

Montana DNRC
Trust Land Management Division
Northwestern Land Office
Plains Unit JB 1/22/24

