

BID INVITATION

STANDARD CONDITIONS

M-04-028P

1. **ACCEPTANCE AND REJECTION:** The Arkansas State Highway and Transportation Department (AHTD) reserves the right to reject any or all bids, to accept bids in whole or in part (unless otherwise indicated by bidder), to waive any informalities in bids received, to accept bids on materials or equipment with variations from specifications where efficiency of operation will not be impaired, and to award bids to best serve the interest of the State.
2. **PRICES:** Unless otherwise stated in the Bid Invitation, the following will apply: (1) unit prices shall be bid, (2) prices should be stated in units of quantity specified (feet, each, lbs., etc.), (3) prices must be F.O.B. destination specified in bid, (4) prices must be firm and not subject to escalation, (5) bid must be firm for acceptance for 30 days from bid opening date. In case of errors in extension, unit prices shall govern. Discounts from bid price will not be considered in making awards.
3. **BID BONDS AND PERFORMANCE BONDS:** If required, a **Bid Bond** in the form of a cashier's check, certified check, or surety bond issued by a surety company, in an amount stated in the Bid Invitation, must accompany bid. **Personal and company checks are not acceptable as Bid Bonds.** Failure to submit a Bid Bond as required will cause a bid to be rejected. The Bid Bond will be forfeited as liquidated damages if the successful bidder fails to provide a required Performance Bond within the period stipulated by AHTD or fails to honor their bid. Cashier's checks and certified checks submitted as Bid Bonds will be returned to unsuccessful bidders; surety bonds will be retained. The successful bidder will be required to furnish a **Performance Bond** in an amount stated in the Bid Invitation and in the form of a cashier's check, certified check, or surety bond issued by a surety company, unless otherwise stated in the Bid Invitation, as a guarantee of delivery of goods/services in accordance with the specifications and within the time established in the bid. **Personal and company checks are not acceptable as Performance Bonds.** In some cases, a cashier's check or certified check submitted as a Bid Bond will be held as the Performance Bond of the successful bidder. Cashier's checks or certified checks submitted as Performance Bonds will be refunded shortly after payment has been made to the successful bidder for completion of all terms of the bid; surety bonds will be retained. Surety bonds must be issued by a surety company authorized to do business in Arkansas, and must be signed by a Resident Local Agent licensed by the Arkansas State Insurance Commissioner to represent that surety company. Resident Agent's Power-of-Attorney must accompany the surety bond. Certain bids involving labor will require Performance Bonds in the form of surety bonds only (no checks of any kind allowed). In such cases, the company issuing the surety bond must comply with all stipulations herein and must be named in the U. S. Treasury listing of companies holding Certificates of Authority as acceptable sureties on Federal Bonds and as acceptable reinsuring companies. Any excess between the face amount of the bond and the underwriting limitation of the bonding company shall be protected by reinsurance provided by an acceptable reinsuring company.
4. **TAXES:** The AHTD is not exempt from Arkansas State Sales and Use Taxes, or local option city/county sales taxes, when applicable, and bidders are responsible to the State Revenue Department for such taxes. These taxes should not be included in bid prices, but where required by law, will be paid by the AHTD as an addition thereto, and should be added to the billing to the AHTD. The AHTD is exempt from Federal Excise Taxes on all commodities except motor fuels; and excise taxes should not be included in bid prices except for motor fuels. Where applicable, tax exemption certificates will be furnished by the AHTD.
5. **"ALL OR NONE" BIDS:** Bidders who wish to bid "All or None" on two or more items shall so stipulate on the face of bid sheet; otherwise, bid may be awarded on an individual item basis.
6. **SPECIFICATIONS:** Complete specifications should be attached for any substitution or alternate offered, or where amplification is necessary. Bidder's name must be placed on all attachments to the bid.
7. **EXCEPTIONS TO SPECIFICATIONS:** Any exceptions to the bid specifications must be stated in the bid. Any exceptions to manufacturer's published literature must be stated in the bid, or it will be assumed that bidder is bidding exactly as stated in the literature.
8. **BRAND NAME REFERENCES:** All brand name references in bid specifications refer to that commodity or its equivalent, unless otherwise stated in Bid Invitation. Bidder should state brand or trade name of item being bid, if such name exists.
9. **FREIGHT:** All freight charges should be included in bid price. Any change in common carrier rates authorized by the Interstate Commerce Commission will be adjusted if such change occurs after the bid opening date. Receipted common carrier bills that reflect ICC authorized rate changes must be furnished.
10. **SAMPLES AND LITERATURE:** Samples or technical literature must be provided within 14 days of AHTD request unless AHTD extends time. Failure to provide samples or literature within this period may cause bid to be rejected. When required, samples of items must be furnished free of charge, prior to or after the opening of bids, and, if not destroyed, will be returned upon request at the bidder's expense. Each individual sample must be labeled with bidder's name and item number. Request for return of samples must be made within 10 days following submission of sample. Samples from successful bidders will be retained for comparison with items actually furnished.
11. **GUARANTY:** Unless otherwise indicated in Bid Invitation, it is understood and agreed that any item offered or shipped on this bid shall be newly manufactured, latest model and design, and in first class condition; and that all containers shall be new, suitable for storage or shipment and in compliance with all applicable laws relating to construction, packaging, labeling and registration.
12. **BACKORDERS OR DELAY IN DELIVERY:** Backorders or failure to deliver within the time required may constitute default. Vendor must give written notice to the AHTD, as soon as possible, of the reason for any delay and the expected delivery date. The AHTD has the right to extend delivery if reasons appear valid. If reason or delivery date is not acceptable, vendor is in default.
13. **DEFAULT:** All commodities furnished will be subject to inspection and acceptance by AHTD after delivery. Default in promised delivery or failure to meet specifications authorizes the AHTD to cancel award or any portion of same, to reasonably purchase commodities or services elsewhere and to charge full increase, if any, in cost and handling to defaulting vendor. Applicable bonds may be forfeited.
14. **ETHICS:** *"It shall be a breach of ethical standards for a person to be retained, or to retain a person, to solicit or secure a State contract upon an agreement of understanding for a commission, percentage, brokerage, or contingent fee, except for retention of bona fide employees or bona fide established commercial selling agencies maintained by the contractor for the purpose of securing business."* (Arkansas Code, Annotated, Section 19-11-708).

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

SPECIFICATIONS FOR SALE OF TIMBER

M-04-028P

1. Description of Timber Sale Area:

The timber sale area is located on Department right of way on Interstate 30, Exit 106 in Saline County in the State of Arkansas. **See Attached Map.**

The Department guarantees that it has full right and title to the timber included in this sale, and that it is free from all liens and otherwise unencumbered.

2. Conditions of the Timber Sale:

A. The Successful Bidder agrees to the following:

1. The successful bidder and his agents, employees, assignees, and contractors, hereby expressly agree that they shall safeguard and protect the traffic on the highway during construction covered hereunder by necessary and proper traffic control devices in accordance with the Manual on Uniform Traffic Control Devices (MUTCD) and to hold harmless and indemnify the Arkansas State Highway Commission (ASHC), the Arkansas Highway & Transportation Department (AHTD), and its duly authorized agents, officers and employees, from any and all damages, expenses, claims or liabilities arising out of and from any alleged damages of any nature to any person or property due to the performance or non-performance of work set forth herein.
2. The successful bidder shall be solely responsible for locating and protecting all utilities in the work area(s) and to hold harmless and indemnify the ASHC, the AHTD and its duly authorized agents, officers, and employees from all damages, expenses, claims or liability arising out of and from any alleged damages of any nature to any utilities due to the performance or non-performance of work set forth herein.
3. All trees marked with yellow paint must be removed from the right of way, regardless of merchantability.
4. Any unmarked merchantable trees that are cut or unnecessarily destroyed shall be paid for at a rate determined by the Department up to twice the commercial value of the timber involved.
5. All trees shall be utilized in their tops to the lowest possible diameter for commercially salable material.
6. The successful bidder shall cut all trees as close to ground level as practical, but at no point shall the stump height exceed 6" above the average level of the ground around the stump.
7. Tree tops, slash, and brush must be removed from the right of way or may be chipped in place. Burning on the right of way will not be permitted.

8. Young and unmarked trees shall be protected against needless and unnecessary injury during cutting and hauling operations.
9. The successful bidder must work within the boundaries set forth herein or otherwise designated by the Department.
10. The successful bidder assumes responsibility for the suppression of and damage resulting from all fires caused by him and / or his agents or employees.
11. The successful bidder agrees to repair at his own expense damage caused by his operations to gates, fences, bridges, and culverts, and to remove logging debris from existing roads, non-forested areas, and bodies of water.
12. The successful bidder will in all respects observe and follow the Best Management Practices guidelines of the Arkansas Forestry Commission, as applicable.
13. The successful bidder will repair all areas of disturbed soil, including ruts, to a condition suitable for mowing with a tractor and bush hog, as determined by the Department.
14. The successful bidder will seed and mulch areas of disturbed soil as deemed necessary by the Department.
15. The successful bidder will not park equipment, vehicles, load/unload logs on the right of way except at locations **pre-approved** by the Department.
16. The successful bidder must use a proper flagging operation to protect motorist while cutting trees that could fall onto or near the roadway or shoulders.

B. The Department and Successful Bidder mutually understand and agree as follows:

1. The requirements set forth herein may be modified or amended only as necessary to achieve the overall intent of this project in the most efficient manner, and then only upon mutual written agreement of the parties.
2. The successful bidder agrees to an onsite safety/ pre-work meeting before work begins.
3. The successful bidder and his agents shall have normal access on and across the property for the purpose of conducting cutting operations during the time period set forth herein.
4. Title to and responsibility for the above mentioned trees shall pass to the successful bidder as they are severed from the stumps, but the Department retains and the successful bidder grants a vendor's lien on all forest products cut or removed from the above-mentioned property until paid in full.
5. A portable sawmill **will not** be set up on this tract of land.

6. The Department reserves the right of checking cutting operations at any time to determine whether or not the provisions of these specifications are being carried out.
7. Payment for timber shall be made as agreed by the parties, but must be paid in full no later than 10 days after the last merchantable load is removed from the property. Sufficient paperwork, including certified mill scale tickets, must accompany payment(s) so timber types and quantities can be easily verified. Checks shall be made payable to “Arkansas State Highway and Transportation Dept.” and mailed or delivered to: AHTD District 6, P.O. Box 190296, 8900 Mabelvale Pike, Little Rock, AR 72219-0296.
8. Successful bidder agrees to inform the designated Department contact person when the job is finished and to arrange for joint inspection of the property. All stump heights, debris cleanup, ground disturbance repair, etc. will be checked for compliance with these specifications. Successful bidder agrees to make any adjustments necessary to comply, as soon as possible, and to arrange for another joint inspection. Final decision on all these matters rests solely with the Department.

ARKANSAS FORESTRY COMMISSION SUMMARY

Number and Volume of Trees Marked for Cutting

(Doyle Scale)

OWNER: Arkansas Highway Department
ADDRESS: District 6, P O Box 190296
Little Rock, AR 72219

SPECIES: Pine
FORM CLASS: 78

COUNTY: SALINE
ACRES: 29.7
DESCRIPTION: _____
PART: _____
SECTION: 9
TOWNSHIP: 3 South
RANGE: 16 West

DBH Inches	Number of 16' Logs per Tree																TOTALS	
	1		1.5		2		2.5		3	3.5		4		4.5		Number Trees	Volume Bd. Ft.	
	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.				
10	47	658	59	833	36	720	12	252	0	0	0	0	0	0	0	0	154	2,463
12	39	1131	50	1800	81	3483	33	1584	10	530	0	0	0	0	0	0	213	8,528
14	48	2304	36	2232	58	4350	40	3360	16	1488	2	196	0	0	0	0	200	13,930
16	32	2304	10	940	21	2436	17	2244	12	1788	0	0	0	0	0	0	92	9,712
18	28	2800	8	1056	18	2952	17	3230	13	2795	0	0	0	0	0	0	84	12,833
20	4	540	3	540	4	900	6	1566	9	2673	0	0	0	0	0	0	26	6,219
22	2	348	3	702	4	1180	5	1720	1	392	0	0	0	0	0	0	15	4,342
24	1	216	2	586	0	0	1	433	2	992	0	0	0	0	0	0	6	2,227
26	0	0	1	362	1	459	0	0	0	0	0	0	0	0	0	0	2	821
TOTALS	201	10,301	172	9,051	223	16,480	131	14,389	63	10,658	2	196	0	0	0	0	792	61,075

*(DBH) Diameter Breast High or 4½ feet above ground.
Note: 16 foot log lengths are used as a convenient unit of measurement in estimating volume of standing timber and does not always represent the units of best utilization.

Avg Log Length per Tree 1.8

Avg. Volume per Tree 77

Average DBH per Tree 13.80 inches

Avg. Volume per Acre 2,056.40 Bd. Ft.

Signature: Mike Cagle

Title: Staff Forester

Date: August 25, 2003

ARKANSAS FORESTRY COMMISSION
SUMMARY

PULPWOOD TALLY RECAP - Page 1

Species: Pine _____ Acres: _____

Landowner Arkansas Highway Department _____

Location Exit 106 S 9, T 3 South, R 16 West _____

Estimator AFC _____ Date 8/5/2003 _____

ARKANSAS FORESTRY COMMISSION
SUMMARY

PULPWOOD TALLY RECAP - Page 2

Species: Pine _____ Acres: 7 _____

Landowner Arkansas Highway Department _____

Location Exit 106 S 9, T 3 South, R 16 West _____

Estimator AFC _____ Date 8/5/2003 _____

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
6	1.3	2.2	2.7	3.2	3.8	4.4	4.8	5.3	5.8	6.3
Trees	19	87	38	125	26	19	0	0	0	0
Cu.Ft.	24.7	191.4	102.6	400.0	98.8	83.6	0.0	0.0	0.0	0.0
8		3.6	4.6	5.5	6.4	7.3	8.3	9.1	10.1	11
Trees	3	24	22	59	63	81	8	2	0	0
Cu.Ft.	0	86.4	101.2	325	403.2	591.3	66.4	18.2	0	0
10	3.6	5.2	6.8	8.2	9.5	10.8	12.3	13.6	14.9	16.3
Trees	1	4	2	5	6	20	4	2	0	0
Cu.Ft.	3.6	20.8	13.6	41	57	216	49.2	27.2	0	0
12	5	7.3	9.5	11.8	13.2	14.6	16.6	19	20	22
Trees	1	0	0	0	6	18	0	11	0	0
Cu.Ft.	5	0	0	0	79.2	262.8	0	209	0	0
Total	33.3	298.6	217.4	765.5	638.2	1153.7	115.6	254.4	0.0	0.0

Summary of DBH Distribution:

6" DBH =	314	14" DBH =	18
8" DBH =	262	16" DBH =	3
10" DBH =	44	18" DBH =	1
12" DBH =	36	20" DBH =	0

Total 678 Pulpwood Trees

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
14	7.5	10.8	13.6	14.8	16.8	18.8	23	27.2	29.5	31.3
Trees	0	0	2	1	5	2	0	8	0	0
Cu.Ft.	0.0	0.0	27.2	14.8	84.0	37.6	0.0	217.6	0.0	0.0
16	12.6	13.9	16	19.1	21.5	24.3	25.8	35.7	37	40
Trees	0	0	0	0	1	0	1	1	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	21.5	0.0	25.8	35.7	0.0	0.0
18	14.2	17.8	21	24.4	28	31.1	34.2	36.4	38.1	41.8
Trees	0	0	0	0	0	0	0	1	0	0
Cu.Ft.	0	0	0	0	0	0	0	36.4	0	0
20	18	22.3	26	30.6	34	38.9	44.5	45.6	48	52.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	0.0	0.0	27.2	14.8	105.5	37.6	25.8	289.7	0.0	0.0

Cubic volume divided by 85 = 46.9 cords of pulpwood

ARKANSAS FORESTRY COMMISSION

AREA 1

Number and Volume of Trees Marked for Cutting

(Doyle Scale)

OWNER: Arkansas Highway Department

ADDRESS: District 6, P O Box 190296

Little Rock, AR 72219

SPECIES: Pine

FORM CLASS: 78

COUNTY: SALINE

ACRES: 2.1

DESCRIPTION: _____

PART: -----

SECTION: 9

TOWNSHIP: 3 South

RANGE: 16 West

DBH Inches	Number of 16' Logs per Tree																TOTALS	
	1		1.5		2		2.5		3		3.5		4		4.5		Number Trees	Volume Bd. Ft.
	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.		
10	3	42	3	51	1	20	0	0	0	0	0	0	0	0	0	0	7	113
12	3	87	6	216	7	301	0	0	0	0	0	0	0	0	0	0	16	604
14	4	192	2	124	8	600	1	84	0	0	0	0	0	0	0	0	15	1,000
16	2	144	1	94	2	232	0	0	0	0	0	0	0	0	0	0	5	470
18	1	100	2	264	0	0	0	0	0	0	0	0	0	0	0	0	3	364
20	0	0	1	180	0	0	0	0	0	0	0	0	0	0	0	0	1	180
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24																		
26																	0	0
TOTALS	13	565	15	929	18	1,153	1	84	0	0	0	0	0	0	0	0	47	2,731

*(DBH) Diameter Breast High or 4½ feet above ground.

Note: 16 foot log lengths are used as a convenient unit of measurement in estimating volume of standing timber and does not always represent the units of best utilization.

Avg. Volume per Tree 58

Average DBH per Tree 13.32 inches

Avg Log Length per Tree 1.6

Avg. Volume per Acre 1,300 Bd. Ft.

Signature: *Mike Coofe*

Title: Staff Forester

Date: August 25, 2003

ARKANSAS FORESTRY COMMISSION
AREA 1

PULPWOOD TALLY RECAP - Page 1

Species: Pine Acres: 2.1

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
6	1.3	2.2	2.7	3.2	3.8	4.4	4.8	5.3	5.8	6.3
Trees	2	10	3	3	0	2	0	0	0	0
Cu.Ft.	2.6	22.0	8.1	9.6	0.0	8.8	0.0	0.0	0.0	0.0
8		3.6	4.6	5.5	6.4	7.3	8.3	9.1	10.1	11
Trees	0	2	1	3	5	2	0	0	0	0
Cu.Ft.	0	7.2	4.6	16.5	32	14.6	0	0	0	0
10	3.6	5.2	6.8	8.2	9.5	10.8	12.3	13.6	14.9	16.3
Trees	1	0	0	0	1	2	0	0	0	0
Cu.Ft.	3.6	0	0	0	9.5	21.6	0	0	0	0
12	5	7.3	9.5	11.8	13.2	14.6	16.6	19	20	22
Trees	0	0	0	0	1	0	0	0	0	0
Cu.Ft.	0	0	0	0	13.2	0	0	0	0	0
Total	6.2	29.2	12.7	26.1	54.7	45.0	0.0	0.0	0.0	0.0

ARKANSAS FORESTRY COMMISSION
AREA 1

PULPWOOD TALLY RECAP - Page 2

Species: Pine Acres: 2.1

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
14	7.5	10.8	13.6	14.8	16.8	18.8	23	27.2	29.5	31.3
Trees	0	0	1	0	0	0	0	0	0	0
Cu.Ft.	0.0	0.0	13.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	12.6	13.9	16	19.1	21.5	24.3	25.8	35.7	37	40
Trees	0	0	0	0	1	0	1	0	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	21.5	0.0	25.8	0.0	0.0	0.0
18	14.2	17.8	21	24.4	28	31.1	34.2	36.4	38.1	41.8
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
20	18	22.3	26	30.6	34	38.9	44.5	45.6	48	52.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	0.0	0.0	13.6	0.0	21.5	0.0	25.8	0.0	0.0	0.0

Cubic volume divided by 85 = 2.8 cords of pulpwood.

ARKANSAS FORESTRY COMMISSION

AREA 2

Number and Volume of Trees Marked for Cutting

(Doyle Scale)

OWNER: Arkansas Highway Department

ADDRESS: District 6, P O Box 190296

Little Rock, AR 72219

SPECIES: Pine

FORM CLASS: 78

COUNTY: SALINE

ACRES: 3.9

DESCRIPTION: _____

PART: _____

SECTION: 9

TOWNSHIP: 3 South

RANGE: 16 West

DBH Inches	Number of 16' Logs per Tree																TOTALS	
	1		1.5		2		2.5		3		3.5		4		4.5		Number Trees	Volume Bd. Ft.
	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.		
10	12	168	9	153	4	80	0	0	0	0	0	0	0	0	0	0	25	401
12	10	290	9	324	15	645	5	240	0	0	0	0	0	0	0	0	39	1,499
14	10	480	6	372	12	900	8	672	0	0	0	0	0	0	0	0	36	2,424
16	12	864	1	94	2	232	2	264	0	0	0	0	0	0	0	0	17	1,454
18	10	1,000	3	396	3	492	0	0	0	0	0	0	0	0	0	0	16	1,888
20	1	135	1	180	2	450	0	0	0	0	0	0	0	0	0	0	4	765
22	1	174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	174
24																		
26																	0	0
TOTALS	56	3,111	29	1,519	38	2,799	15	1,176	0	0	0	0	0	0	0	0	138	8,605

*(DBH) Diameter Breast High or 4½ feet above ground.

Note: 16 foot log lengths are used as a convenient unit of measurement in estimating volume of standing timber and does not always represent the units of best utilization.

Avg. Volume per Tree 62

Average DBH per Tree 13.65 inches

Avg Log Length per Tree 1.5

Avg. Volume per Acre 2,206 Bd. Ft.

Signature: *Mike Coyle*

Title: Staff Forester

Date: August 25, 2003

ARKANSAS FORESTRY COMMISSION

AREA 2

PULPWOOD TALLY RECAP - Page 1

Species: Pine Acres: 3.9

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
6	1.3	2.2	2.7	3.2	3.8	4.4	4.8	5.3	5.8	6.3
Trees	2	10	8	27	11	5	0	0	0	0
Cu.Ft.	2.6	22.0	21.6	86.4	41.8	22.0	0.0	0.0	0.0	0.0
8	2.7	3.6	4.6	5.5	6.4	7.3	8.3	9.1	10.1	11
Trees	1	8	5	8	24	18	5	2	0	0
Cu.Ft.	2.7	28.8	23	44	153.6	131.4	41.5	18.2	0	0
10	3.6	5.2	6.8	8.2	9.5	10.8	12.3	13.6	14.9	16.3
Trees	0	1	1	2	3	4	4	1	0	0
Cu.Ft.	0	5.2	6.8	16.4	28.5	43.2	49.2	13.6	0	0
12	5	7.3	9.5	11.8	13.2	14.6	16.6	19	20	22
Trees	0	0	0	0	3	3	0	0	0	0
Cu.Ft.	0	0	0	0	39.6	43.8	0	0	0	0
Total	5.3	56.0	51.4	146.8	263.5	240.4	90.7	31.8	0.0	0.0

ARKANSAS FORESTRY COMMISSION

AREA 2

PULPWOOD TALLY RECAP - Page 2

Species: Pine Acres: 3.9

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
14	7.5	10.8	13.6	14.8	16.8	18.8	23	27.2	29.5	31.3
Trees	0	0	1	1	2	0	0	1	0	0
Cu.Ft.	0.0	0.0	13.6	14.8	33.6	0.0	0.0	27.2	0.0	0.0
16	12.6	13.9	16	19.1	21.5	24.3	25.8	35.7	37	40
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	14.2	17.8	21	24.4	28	31.1	34.2	36.4	38.1	41.8
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
20	18	22.3	26	30.6	34	38.9	44.5	45.6	48	52.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	0.0	0.0	13.6	14.8	33.6	0.0	0.0	27.2	0.0	0.0

Cubic volume divided by 85 = 11.5 cords of pulpwood.

ARKANSAS FORESTRY COMMISSION

AREA 3

Number and Volume of Trees Marked for Cutting

(Doyle Scale)

OWNER: Arkansas Highway Department

ADDRESS: District 6, P O Box 190296

Little Rock, AR 72219

SPECIES: Pine

FORM CLASS: 78

COUNTY: SALINE

ACRES: 2.8

DESCRIPTION: _____

PART: _____

SECTION: 9

TOWNSHIP: 3 South

RANGE: 16 West

DBH Inches	Number of 16' Logs per Tree																TOTALS		
	1		1.5		2		2.5		3		3.5		4		4.5		Number Trees	Volume Bd. Ft.	
	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.			
10	2	28	14	238	15	300	5	105	0	0	0	0	0	0	0	0	0	36	671
12	1	29	0	0	7	301	7	336	1	53	0	0	0	0	0	0	0	16	719
14	1	48	1	62	3	225	5	420	4	372	0	0	0	0	0	0	0	14	1,127
16	0	0	0	0	1	116	1	132	1	149	0	0	0	0	0	0	0	3	397
18	2	200	1	132	2	328	3	570	0	0	0	0	0	0	0	0	0	8	1,230
20	0	0	0	0	0	0	1	261	1	297	0	0	0	0	0	0	0	2	558
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24																			
26																		0	0
TOTALS	6	305	16	432	28	1,270	22	1,824	7	871	0	0	0	0	0	0	0	79	4,702

*(DBH) Diameter Breast High or 4½ feet above ground.

Note: 16 foot log lengths are used as a convenient unit of measurement in estimating volume of standing timber and does not always represent the units of best utilization.

Avg. Volume per Tree 60

Average DBH per Tree 12.41 inches

Avg Log Length per Tree 2.1

Avg. Volume per Acre 1,679 Bd. Ft.

Signature: *Mike Coyle*

Title: Staff Forester

Date: August 25, 2003

ARKANSAS FORESTRY COMMISSION

AREA 3

PULPWOOD TALLY RECAP - Page 1

Species: Pine Acres: 2.8

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

ARKANSAS FORESTRY COMMISSION

AREA 3

PULPWOOD TALLY RECAP - Page 2

Species: Pine Acres: 2.8

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
6	1.3	2.2	2.7	3.2	3.8	4.4	4.8	5.3	5.8	6.3
Trees	3	3	5	5	5	2	0	0	0	0
Cu.Ft.	3.9	6.6	13.5	16.0	19.0	8.8	0.0	0.0	0.0	0.0
8		3.6	4.6	5.5	6.4	7.3	8.3	9.1	10.1	11
Trees	2	1	3	6	5	9	1	0	0	0
Cu.Ft.	0	3.6	13.8	33	32	65.7	8.3	0	0	0
10	3.6	5.2	6.8	8.2	9.5	10.8	12.3	13.6	14.9	16.3
Trees	0	0	0	0	1	1	0	0	0	0
Cu.Ft.	0	0	0	0	9.5	10.8	0	0	0	0
12	5	7.3	9.5	11.8	13.2	14.6	16.6	19	20	22
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	3.9	10.2	27.3	49.0	60.5	85.3	8.3	0.0	0.0	0.0

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
14	7.5	10.8	13.6	14.8	16.8	18.8	23	27.2	29.5	31.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	12.6	13.9	16	19.1	21.5	24.3	25.8	35.7	37	40
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	14.2	17.8	21	24.4	28	31.1	34.2	36.4	38.1	41.8
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
20	18	22.3	26	30.6	34	38.9	44.5	45.6	48	52.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cubic volume divided by 85 = 2.9 cords of pulpwood.

ARKANSAS FORESTRY COMMISSION

AREA 4

Number and Volume of Trees Marked for Cutting

(Doyle Scale)

OWNER: Arkansas Highway Department

ADDRESS: District 6, P O Box 190296

Little Rock, AR 72219

SPECIES: Pine

FORM CLASS: 78

COUNTY: SALINE

ACRES: 7.8

DESCRIPTION: _____

PART: _____

SECTION: 9

TOWNSHIP: 3 South

RANGE: 16 West

DBH Inches	Number of 16' Logs per Tree																TOTALS	
	1		1.5		2		2.5		3		3.5		4		4.5		Number Trees	Volume Bd. Ft.
	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.		
10	6	84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	84
12	4	116	11	396	0	0	0	0	0	0	0	0	0	0	0	0	15	512
14	21	1,008	9	558	8	600	0	0	0	0	0	0	0	0	0	0	38	2,166
16	6	432	3	282	3	348	0	0	0	0	0	0	0	0	0	0	12	1,062
18	4	400	0	0	3	492	0	0	0	0	0	0	0	0	0	0	7	892
20	2	270	0	0	1	225	0	0	0	0	0	0	0	0	0	0	3	495
22	0	0	1	234	0	0	0	0	0	0	0	0	0	0	0	0	1	234
24	0	0	2	586	0	0	0	0	0	0	0	0	0	0	0	0	2	586
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	43	2,310	26	2,056	15	1,665	0	0	0	0	0	0	0	0	0	0	84	6,031

*(DBH) Diameter Breast High or 4½ feet above ground.
 Note: 16 foot log lengths are used as a convenient unit of measurement in estimating volume of standing timber and does not always represent the units of best utilization.

Avg Log Length per Tree 1.3

Avg. Volume per Tree 72

Average DBH per Tree 14.52 inches

Avg. Volume per Acre 773 Bd. Ft.

Signature: *Nike Coffe*

Title: Staff Forester

Date: August 25, 2003

ARKANSAS FORESTRY COMMISSION

AREA 4

PULPWOOD TALLY RECAP - Page 1

Species: Pine Acres: 7.8

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
6	1.3	2.2	2.7	3.2	3.8	4.4	4.8	5.3	5.8	6.3
Trees	0	20	4	34	5	1	0	0	0	0
Cu.Ft.	0.0	44.0	10.8	108.8	19.0	4.4	0.0	0.0	0.0	0.0
8		3.6	4.6	5.5	6.4	7.3	8.3	9.1	10.1	11
Trees	0	5	5	10	9	4	0	0	0	0
Cu.Ft.	0	18	23	55	57.6	29.2	0	0	0	0
10	3.6	5.2	6.8	8.2	9.5	10.8	12.3	13.6	14.9	16.3
Trees	0	0	1	1	1	3	0	1	0	0
Cu.Ft.	0	0	6.8	8.2	9.5	32.4	0	13.6	0	0
12	5	7.3	9.5	11.8	13.2	14.6	16.6	19	20	22
Trees	1	0	0	0	2	6	0	3	0	0
Cu.Ft.	5	0	0	0	26.4	87.6	0	57	0	0
Total	5.0	62.0	40.6	172.0	112.5	153.6	0.0	70.6	0.0	0.0

ARKANSAS FORESTRY COMMISSION

AREA 4

PULPWOOD TALLY RECAP - Page 2

Species: Pine Acres: 7.8

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
14	7.5	10.8	13.6	14.8	16.8	18.8	23	27.2	29.5	31.3
Trees	0	0	0	0	3	2	0	0	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	50.4	37.6	0.0	0.0	0.0	0.0
16	12.6	13.9	16	19.1	21.5	24.3	25.8	35.7	37	40
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	14.2	17.8	21	24.4	28	31.1	34.2	36.4	38.1	41.8
Trees	0	0	0	0	0	0	0	1	0	0
Cu.Ft.	0	0	0	0	0	0	0	36.4	0	0
20	18	22.3	26	30.6	34	38.9	44.5	45.6	48	52.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	0.0	0.0	0.0	0.0	50.4	37.6	0.0	36.4	0.0	0.0

Cubic volume divided by 85 = 8.7 cords of pulpwood.

ARKANSAS FORESTRY COMMISSION

AREA 5

Number and Volume of Trees Marked for Cutting

(Doyle Scale)

OWNER: Arkansas Highway Department

ADDRESS: District 6, P O Box 190296

Little Rock, AR 72219

SPECIES: Pine

FORM CLASS: 78

COUNTY: SALINE

ACRES: 6.0

DESCRIPTION: _____

PART: _____

SECTION: 9

TOWNSHIP: 3 South

RANGE: 16 West

DBH Inches	Number of 16' Logs per Tree																TOTALS	
	1		1.5		2		2.5		3		3.5		4		4.5		Number Trees	Volume Bd. Ft.
	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.		
10	3	42	19	153	11	220	7	147	0	0	0	0	0	0	0	0	40	562
12	1	29	6	216	25	1,075	16	768	9	477	0	0	0	0	0	0	57	2,565
14	2	96	7	434	3	225	18	1,512	11	1,023	2	196	0	0	0	0	43	3,486
16	1	72	2	188	4	464	13	1,716	9	1,341	0	0	0	0	0	0	29	3,781
18	1	100	1	132	6	984	11	2,090	12	2,580	0	0	0	0	0	0	31	5,886
20	1	135	1	180	0	0	3	783	6	1,782	0	0	0	0	0	0	11	2,880
22	0	0	2	468	3	885	3	1,032	1	392	0	0	0	0	0	0	9	2,777
24	1	216	0		0		0		2	992	0		0		0		3	1,208
26	0		1	362	1	459	0		0		0		0		0		2	821
TOTALS	10	690	39	2,133	53	4,312	71	8,048	50	8,587	2	196	0	0	0	0	225	23,966

*(DBH) Diameter Breast High or 4 1/2 feet above ground.
 Note: 16 foot log lengths are used as a convenient unit of measurement in estimating volume of standing timber and does not always represent the units of best utilization.

Avg Log Length per Tree 2.3

Avg. Volume per Tree 107

Average DBH per Tree 14.11 inches

Avg. Volume per Acre 3,994 Bd. Ft.

Signature: *Mike Coyle*

Title: Staff Forester

Date: August 25, 2003

ARKANSAS FORESTRY COMMISSION
AREA 5

PULPWOOD TALLY RECAP - Page 1

Species: Pine Acres: 6.0

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
6	1.3	2.2	2.7	3.2	3.8	4.4	4.8	5.3	5.8	6.3
Trees	7	7	9	5	3	0	0	0	0	0
Cu.Ft.	9.1	15.4	24.3	16.0	11.4	0.0	0.0	0.0	0.0	0.0
8		3.6	4.6	5.5	6.4	7.3	8.3	9.1	10.1	11
Trees	0	1	5	9	11	10	2	0	0	0
Cu.Ft.	0	3.6	23	49.5	70.4	73	16.6	0	0	0
10	3.6	5.2	6.8	8.2	9.5	10.8	12.3	13.6	14.9	16.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
12	5	7.3	9.5	11.8	13.2	14.6	16.6	19	20	22
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	9.1	19.0	47.3	65.5	81.8	73.0	16.6	0.0	0.0	0.0

ARKANSAS FORESTRY COMMISSION
AREA 5

PULPWOOD TALLY RECAP - Page 2

Species: Pine Acres: 6.0

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
14	7.5	10.8	13.6	14.8	16.8	18.8	23	27.2	29.5	31.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
16	12.6	13.9	16	19.1	21.5	24.3	25.8	35.7	37	40
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	14.2	17.8	21	24.4	28	31.1	34.2	36.4	38.1	41.8
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
20	18	22.3	26	30.6	34	38.9	44.5	45.6	48	52.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Cubic volume divided by 85 = 3.7 cords of pulpwood.

ARKANSAS FORESTRY COMMISSION

AREA 6

Number and Volume of Trees Marked for Cutting

(Doyle Scale)

OWNER: Arkansas Highway Department

ADDRESS: District 6, P O Box 190296

Little Rock, AR 72219

SPECIES: Pine

FORM CLASS: 78

COUNTY: SALINE

ACRES: 5.4

DESCRIPTION: _____

PART: _____

SECTION: 9

TOWNSHIP: 3 South

RANGE: 16 West

DBH Inches	Number of 16' Logs per Tree																TOTALS	
	1		1.5		2		2.5		3		3.5		4		4.5		Number Trees	Volume Bd. Ft.
	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.		
10	13	182	1	17	2	40	0	0	0	0	0	0	0	0	0	0	16	239
12	19	551	14	504	14	602	0	0	0	0	0	0	0	0	0	0	47	1,657
14	10	480	10	620	18	1,350	1	84	0	0	0	0	0	0	0	0	39	2,534
16	11	792	3	282	7	812	0	0	0	0	0	0	0	0	0	0	21	1,886
18	10	1,000	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	1,000
20	0	0	0	0	1	225	0	0	0	0	0	0	0	0	0	0	1	225
22	1	174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	174
24																		
26																	0	0
TOTALS	64	3,179	28	1,423	42	3,029	1	84	0	0	0	0	0	0	0	0	135	7,715

*(DBH) Diameter Breast High or 4½ feet above ground.

Note: 16 foot log lengths are used as a convenient unit of measurement in estimating volume of standing timber and does not always represent the units of best utilization.

Avg. Volume per Tree 57

Average DBH per Tree 13.54 inches

Avg Log Length per Tree 1.4

Avg. Volume per Acre 1,429 Bd. Ft.

Signature: *Mike Cagle*

Title: Staff Forester

Date: August 25, 2003

ARKANSAS FORESTRY COMMISSION

AREA 6

PULPWOOD TALLY RECAP - Page 1

Species: Pine _____ Acres: 5.4

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
6	1.3	2.2	2.7	3.2	3.8	4.4	4.8	5.3	5.8	6.3
Trees	2	24	2	40	1	8	0	0	0	0
Cu.Ft.	2.6	52.8	5.4	128.0	3.8	35.2	0.0	0.0	0.0	0.0
8		3.6	4.6	5.5	6.4	7.3	8.3	9.1	10.1	11
Trees	0	5	0	15	1	24	0	0	0	0
Cu.Ft.	0	18	0	82.5	6.4	175.2	0	0	0	0
10	3.6	5.2	6.8	8.2	9.5	10.8	12.3	13.6	14.9	16.3
Trees	0	3	0	2	0	10	0	0	0	0
Cu.Ft.	0	15.6	0	16.4	0	108	0	0	0	0
12	5	7.3	9.5	11.8	13.2	14.6	16.6	19	20	22
Trees	0	0	0	0	0	9	0	8	0	0
Cu.Ft.	0	0	0	0	0	131.4	0	152	0	0
Total	2.6	86.4	5.4	226.9	10.2	449.8	0.0	152.0	0.0	0.0

ARKANSAS FORESTRY COMMISSION

AREA 6

PULPWOOD TALLY RECAP - Page 2

Species: Pine _____ Acres: 5.4

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
14	7.5	10.8	13.6	14.8	16.8	18.8	23	27.2	29.5	31.3
Trees	0	0	0	0	0	0	0	6	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	163.2	0.0	0.0
16	12.6	13.9	16	19.1	21.5	24.3	25.8	35.7	37	40
Trees	0	0	0	0	0	0	0	1	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	35.7	0.0	0.0
18	14.2	17.8	21	24.4	28	31.1	34.2	36.4	38.1	41.8
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
20	18	22.3	26	30.6	34	38.9	44.5	45.6	48	52.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	198.9	0.0	0.0

Cubic volume divided by 85 = 13.3 cords of pulpwood.

ARKANSAS FORESTRY COMMISSION

AREA 7

Number and Volume of Trees Marked for Cutting

(Doyle Scale)

OWNER: Arkansas Highway Department

ADDRESS: District 6, P O Box 190296

Little Rock, AR 72219

SPECIES: Pine

FORM CLASS: 78

COUNTY: SALINE

ACRES: 1.7

DESCRIPTION: _____

PART: _____

SECTION: 9

TOWNSHIP: 3 South

RANGE: 16 West

DBH Inches	Number of 16' Logs per Tree																TOTALS	
	1		1.5		2		2.5		3		3.5		4		4.5		Number Trees	Volume Bd. Ft.
	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.	No. Trees	Vol.		
10	8	112	13	221	3	60	0	0	0	0	0	0	0	0	0	0	24	393
12	1	29	4	144	13	559	5	240	0	0	0	0	0	0	0	0	23	972
14	0	0	1	62	6	450	7	588	1	93	0	0	0	0	0	0	15	1,193
16	0	0	0	0	2	232	1	132	2	298	0	0	0	0	0	0	5	662
18	0	0	1	132	4	656	3	570	1	215	0	0	0	0	0	0	9	1,573
20	0	0	0	0	0	0	2	522	2	594	0	0	0	0	0	0	4	1,116
22	0	0	0	0	1	295	2	688	0	0	0	0	0	0	0	0	3	983
24	0	0	0	0	0	0	1	433	0	0	0	0	0	0	0	0	1	433
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTALS	9	141	19	559	29	2,252	21	3,173	6	1,200	0	0	0	0	0	0	84	7,325

*(DBH) Diameter Breast High or 4½ feet above ground.

Note: 16 foot log lengths are used as a convenient unit of measurement in estimating volume of standing timber and does not always represent the units of best utilization.

Avg. Volume per Tree 87

Average DBH per Tree 13.55 inches

Avg Log Length per Tree 2.0

Avg. Volume per Acre 4,309 Bd. Ft.

Signature: *Mike Cagle*

Title: Staff Forester

Date: August 25, 2003

ARKANSAS FORESTRY COMMISSION
 AREA 7
 PULPWOOD TALLY RECAP - Page 7

Species: Pine Acres: 1.7

Landowner Arkansas Highway Department

Location Exit 106 Sec 9, Twp 3 South, Rg 16 West

Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
6	1.3	2.2	2.7	3.2	3.8	4.4	4.8	5.3	5.8	6.3
Trees	3	13	7	11	1	1	0	0	0	0
Cu.Ft.	3.9	28.6	18.9	35.2	3.8	4.4	0.0	0.0	0.0	0.0
8		3.6	4.6	5.5	6.4	7.3	8.3	9.1	10.1	11
Trees	0	2	3	8	8	14	0	0	0	0
Cu.Ft.	0	7.2	13.8	44	51.2	102	0	0	0	0
10	3.6	5.2	6.8	8.2	9.5	10.8	12.3	13.6	14.9	16.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
12	5	7.3	9.5	11.8	13.2	14.6	16.6	19	20	22
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	3.9	35.8	32.7	79.2	55.0	106.6	0.0	0.0	0.0	0.0

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Estimator AFC Date 8/5/2003

D B H	NUMBER OF FOUR FOOT STICKS									
	3	4	5	6	7	8	9	10	11	12
14	7.5	10.8	13.6	14.8	16.8	18.8	23	27.2	29.5	31.3
Trees	0	0	0	0	0	0	0	1	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	0.0	0.0
16	12.6	13.9	16	19.1	21.5	24.3	25.8	35.7	37	40
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18	14.2	17.8	21	24.4	28	31.1	34.2	36.4	38.1	41.8
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
20	18	22.3	26	30.6	34	38.9	44.5	45.6	48	52.3
Trees	0	0	0	0	0	0	0	0	0	0
Cu.Ft.	0	0	0	0	0	0	0	0	0	0
Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.2	0.0	0.0

Cubic volume divided by 85 = 4.0 cords of pulpwood.

Interstate 30 Exit 106 Saline County

	Pulpwood	Saw Timber
	Tons	Tons
Area 1	7.00	21.85
Area 2	28.75	68.84
Area 3	7.25	37.62
Area 4	21.75	48.25
Area 5	9.25	191.73
Area 6	33.25	61.72
Area 7	10.00	58.60
Totals	117.25	488.61