ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT EQUIPMENT AND PROCUREMENT DIVISION BID INVITATION

Contract Number:	Н-16-	324P		BID OPENING LOCATI AHTD Equipment &	AHT	D Equipment &	DELIVER TO: AHTD Equipment &
Bid Opening Date:	April 20, 2016	Time:	:00 a.m.	Procurement Division 11302 West Baseline Re Little Rock, AR 72209	oad P.O.	eurement Division Box 2261 Rock, AR 72203	Procurement Division 11302 West Baseline Road Little Rock, AR 72209
delivery locations until	he above-noted bid ope	ening date and time,	and then publicly		bid opening		eived at the above-noted mail and be submitted on this form, with
•	•	-				y and all items upon w	which prices are quoted, at the price
Company Name:				Name (Type or P	rint):		
Address:				Title:			
City:	Sta	ate:	Zip:				
Federal Tax ID or Soc	cial Security No.:			Signature:	egible, origir	nal (not photocopied) a	and in ink.
The Arkansas State disposal of litter an specifications and three mowing cycle PROJECT I Job No.: 9-	Highway and Trad mowing and trir nformation attach es, with option to a cocation: AHT 524 Hwy. 23: I-40 at Hwy. 16: Washir y. 23 Section Section y. 23 Section Section Section y. 16 Section Section Section	insportation Depriming of highward to and made adjust acreage a TD District 9, P. Ozark – Missourgton County List 7 Log 8 Log 10 Log 11 Log 1	partment (here ray right of way right of way right of way ray right of way ray right of this and/or renew us. O. Box 610, Harri State Line and Brashears gamile: 03.18 gamile: 00.00 ga	ray in accordance we contract, for a period pon mutual agreemen Harrison, AR 72601 S	ortment") ith Speci of one (3 t of the pa	will receive sealer al Provision for all Provision for all year from date arties. -2100) Franklin Madison Madison Carroll Carroll	ed bids for the removal and Non-Divided Highways, of award, to include up to
Bid prices shall inc	lude all costs of pe	erforming this c	ontract, but sh	nall <u>exclude taxes</u> (See	Condition	on 4).	
1. Removal	and Disposal of L	itter			Price p	per Acre \$	
2. Mowing	and Trimming of I	Highway Right-	of-Way		Price p	oer Acre \$	
TOTAL				То	tal Price I	Per Acre \$	
Bid Bond in the an are not acceptable required of success Bonds. See Condi	e as Bid Bonds. sful bidder prior tion 3 page 2 of th ntact in case of da	required of all See Condition 3 to providing go is Bid Invitation	bidders at tim 3 page 2 of the boods/services. 1.	ne of bid opening or bus Bid Invitation. Pe Personal and components Operation:	rforman	ce Bond in the an	onal and company checks mount of \$1000.00 will be ceptable as Performance

STANDARD CONDITIONS

H-16-324P

- 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.
- 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. When a bidder claims and can show clear and convincing evidence that a material mistake was made in the bid and was not the bid intended, the bidder may be permitted to withdraw their bid prior to award without forfeiture of bid bond. 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). These bonds shall not only serve to guarantee the completion of the work, but also to guarantee the excellence of both workmanship and material until the work is finally accepted and the provisions of the Plans, Specifications, and Special Provisions fulfilled. 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. Annual Bid and Performance Bonds on file with E & P Division must have sufficient unencumbered funds to meet current bonding requirements, or the bid will be rejected, unless the balance is submitted as set forth above, prior to bid opening.
- 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 Contract for the Removal and Disposal of Litter and Mowing and Trimming of Highway Right-of-Way BID INFORMATION

CONTRACT NO	H-16-32/IP	

1.	The Arkansas State Highway and Transportation Department (hereinafter referred to as the "Department") will enter into a contract with
	the successful bidder (also referred to as the "Contractor") to furnish requirements for Removal and Disposal of Litter and Mowing and
	Trimming of Highway Right-of-Way for the period set forth in Bid Invitation, with provision to extend annually upon mutual agreement
	of the parties.

- 2. Successful bidder must be covered by Workman's Compensation Insurance, and Public Liability and Property Damage Insurance in the minimum amount of \$1,000,000 per occurrence and a general aggregate limit of at least \$2,000,000. Valid Certificate of Insurance including name of insurance agent and agent's telephone number must be furnished to the Department within 10 days of notice of award of the contract, if not already on file. Failure to provide such certification in a timely manner may result in cancellation of award and/or forfeiture of Bid Bond. Contractor will not be permitted to work until proper certification has been provided to the Department. Once proper certification has been provided, Contractor is responsible to provide timely information to the Department regarding any change, update, modification, renewal or cancellation of the required insurance during the contract term or any extension thereto.
- 3. Successful bidder is solely responsible for damages to persons and vehicles or other property (including that of the State) while fulfilling the requirements of this contract. No agency, board or commission of the State of Arkansas (including the Department and the Arkansas Highway Commission) assumes any liability whatsoever for damages caused by the Contractor. All such claims must be handled by Contractor and Contractor's insurance company. Contractor is expected to handle any claim arising from activities in fulfillment of this contract in a prompt and timely manner. Bidder shall furnish the name, address and phone number of the person (Contractor or designated employee) to be contacted in case of questions regarding damages resulting from Contractor's operations in fulfillment of this contract.
- 4. Successful bidder shall notify the Department immediately if unable to begin or complete work in accordance with specifications. If Contractor cannot resolve the problems and fulfill contract obligations in a manner and time frame agreeable to the Department, the Department shall have the option of canceling the contract effective immediately and/or deducting the cost of completion of the work from any amount due the Contractor.
- 5. All work under this contract is subject to inspection and acceptance by the Department. Payment will be made only for work completed and accepted. No advance payment is permitted. Work completed and accepted under this contract shall be paid for at the price bid per acre (plus applicable state and local taxes, listed separately on invoice) and shall be full and complete compensation for furnishing all labor, tools, equipment and incidentals necessary to fulfill the contract requirements in a satisfactory and proper manner.
- 6. Invoicing may be submitted for payment no less than every two (2) weeks during each cycle for work completed and accepted. Applicable taxes must be listed separate from price per acre on invoice. Invoicing shall be submitted to the District Office listed on the Bid Invitation.
- 7. Failure of Contractor to comply with any provisions of this contract may result in termination of the contract, prohibition of bidding on subsequent contracts, and other remedies provided by law. This contract is expressly subject to termination by the Department, for cause, upon giving the Contractor 30 days notice of intent, with reasons, to terminate.
- 8. Successful bidder is responsible for paying all involved employees, subcontractors, suppliers, and any applicable tax entities (State of Arkansas, city, county, etc.) in a prompt and timely manner.
- 9. This contract may be extended, at the original bid prices, upon the Department's giving written notice to Contractor of desire to extend and receiving the Contractor's agreement to the extension. Expiration date of any extension shall be the anniversary date of the original award. Extension may be made on an annual basis, not to exceed the maximum number of extensions permitted by State Law.
- 10. The total acreage of this contract can be increased or decreased upon the Department giving written notice to Contractor of desire to increase or decrease and receiving the Contractor's agreement to this increase or decrease.

ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT

NOTICE OF NONDISCRIMINATION

State Highway and Transportation The Arkansas (Department) complies with the Americans with Disabilities Act of 1990, Section 504 of the Rehabilitation Act of 1973, Title VI of the Civil Rights Act of 1964 and other federal equal opportunity laws and therefore does not discriminate on the basis of race, sex, color, age, national origin, religion or disability, in admission or access to and treatment in Department programs and activities, as well as Department's hiring or employment practices. Complaints of inquiries regarding discrimination and Department's nondiscrimination policies may be directed to Joanna P. McFadden, Section Head - EEO/DBE (ADA/504/Title VI Coordinator), P. O. Box 2261, Little Rock, AR 72203, (501) 569-2298, (Voice/TTY 711), or the following email address: <u>Joanna.Mcfadden@ahtd.ar.gov</u>.

Free language assistance for Limited English Proficient individuals is available upon request.

This notice is available from the ADA/504/Title VI Coordinator in large print, on audiotape and in Braille.

allowed in this area. Smaller nowers should be used in 5' mowers will only be POPE Mowing, Trimming, and Litter Removal Hwy, 23:1-40 @ Ozark - Missouri State Line 4 (19) 8 Hwy. 16: Washington County Line (8) (8) EST FORK Control section with the section with th Brashears

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ARKANSAS STATE HIGHWAY AND TRANSPORTATION DEPARTMENT SUPPLEMENTAL SPECIAL PROVISION

MOWING, TRIMMING AND LITTER REMOVAL

HWY 23: I-40 AT OZARK TO MISSOURI STATE LINE

HWY16: WASHINGTON COUNTY LINE TO BRASHEARS

(FRANKLIN, MADISON AND CARROLL COUNTIES)

GENERAL: The locations included in this contract consist primarily of areas which are steep and difficult or impossible to reach using mowing equipment that is generally used on other mowing contracts. 15' rotary type mowers will not be allowed except along Hwy 23, Section 9 from log mile 0.00 to 18.49 (Jct. of Hwy. 412B to Carroll County Line). Only open cab tractors 65 HP or less with 6' or smaller rotary type mowers that are capable of accessing the areas to be mowed will be allowed in all other areas. Other specialized equipment such as "sickle" type mowers may be needed in order to access the areas required to be mowed. Potential bidders must visit the site to determine the equipment necessary to access all areas and list the equipment that is proposed to be used below.

Notes: Smaller rotary mowers should be used in conjunction with 15' mowers in areas where 15' mowers are allowed. Mowing of inaccessible areas behind guard rail will not be required.

Failure to use the approved equipment will result in default of the contract.

Proposed Equipment List Please list tractors and mowers separately

(Attach additional sheets if necessary)

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT

SH 2 OF 6

CONTRACT MOWING QUANTITY SHEET

					First/Second				
					Mowing		Third Mowing		
					Swath/Width		Swath/Width		
County	Route	Section	Begin	L.M. End L.M.	(FEET)	Acres Ea.	(FEET AVG.)	Acres	Location Comments
Franklin	23	7	3.18	5.13	20	4.7	56	13.2	
Franklin	23	1	5.13	5.92	20	1.9	64	6.1	
Franklin	23		5.92	60.9	20	0.4	50	1.0	
Franklin	23	1	6.09	7.49	20	3.4	52	8.8	
Franklin	23	1	7.49	9:30	20	4.4	48	10.5	
Franklin	23	1	7 9.30	11.23	20	4.7	38	8.9	
Franklin	23	,	11.23	13.69	20	0.9	34	10.1	
Franklin	23	1	13.69	14.89	20	2.9	44	6.4	
Franklin	23		14.89	15.35	20	1.1	54	3.0	
Franklin	23		7 15.35	16.64	20	3.1	32	5.0	
Franklin	23	1	16.64	16.85	20	0.5	30	0.8	
Franklin	23	1	7 16.85	17.03	20	0.4	70	1.5	
Franklin	23		7 17.03	24.51	0	0.0		0.0	Exception
Page Totals						33.6		75.5	

		Total Acres
33.6	33.6	75.5
Acres First Mowing	Acres Second Mowing	Acres Third Mowing

142.6

- 1. SWATH/WIDTHS FOR THIRD MOWING ARE VARIABLE AND WIDTHS SHOWN ARE AVERAGES BETWEEN THOSE LOG MILES.
- 2. FIRST & SECOND CYCLE 10' SWATH WIDTHS SHALL BE CONTINUOUS, INCLUDING ACROSS CROSS DRAINS AND BEHIND GUARD RAILS.
- 3. THIRD CYCLE MOWING SHALL INCLUDE ALL AREAS OF RIGHT-OF-WAY THAT HAVE BEEN ROUTINELY MOWED AND MAINTAINED, THIS INCLUDES AREAS UNDER AND ADJACENT TO BRIDGES AND DRAINAGE STRUCTURES.

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT CONTRACT MOWING QUANTITY SHEET

SH 3 OF 6

					First/Second				
					Mowing Swath/Width		Third Mowing Swath/Width		
County	Route	Section	Begin L.M. End L.M.	End L.M.	(FEET)	Acres Ea.	(FEET AVG.)	Acres	Location Comments
Madison	23		00.0	1.00	20	2.4	48.4	5.9	
Madison	23	8	1.00	2.00	20	2.4	40.6	4.9	
Madison	23	8	2.00	3.00		2.4	39.2	4.8	
Madison	23				20	2.4	09	7.3	
Madison	23			5.00		2.4	51.6	6.3	
i don	23			00.9	20	2.4	29	3.5	
Madison	23	8		6.91	20	2.2	44.8	4.9	
Madison	73			16.50	20	23.2	50	58.1	
Madison	23		ľ.	20.45	20	9.6	50	23.9	
Madison	23		20.45	23.25	20	6.8	47	16.0	
Madison	23		23.25	27.60	20	10.5	51	26.9	
Madison	23	8	27.60	27.88					
Madison	23	6	0.00	1.30	20	3.2	40	6.3	
Madison	23		1.30	4.16	20	6.9	54	18.7	
Madison	23				20	9.8	53	22.7	
Madison	23				20	19.2	60	57.7	
Madison	23	6	15.63	18.49	20	6.9	58	20.1	
								0000	
Daga Totale						111.7		788.0	

		Total Acres
111.7	111.7	288.0
Acres First Mowing	Acres Second Mowing	Acres Third Mowing

- 1. SWATH/WIDTHS FOR THIRD MOWING ARE VARIABLE AND WIDTHS SHOWN ARE AVERAGES BETWEEN THOSE LOG MILES.
- 2. FIRST & SECOND CYCLE 10' SWATH WIDTHS SHALL BE CONTINUOUS, INCLUDING ACROSS CROSS DRAINS AND BEHIND GUARD RAILS.
- 3. THIRD CYCLE MOWING SHALL INCLUDE ALL AREAS OF RIGHT-OF-WAY THAT HAVE BEEN ROUTINELY MOWED AND MAINTAINED, THIS INCLUDES AREAS UNDER AND ADJACENT TO BRIDGES AND DRAINAGE STRUCTURES.

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT CONTRACT MOWING QUANTITY SHEET

SH 4 OF 6

					First/Second				
					Mowing		Third Mowing		
Caint	Route	Section	Beoin L.M. End L.M.	End L.M.	Swath/Width	Acres Ea.	Swath/Width (FEET AVG.)	Acres	Location Comments
Carroll	23		00.0	1.20	20	2.9	89.4	13.0	
Carroll	23		1.20		20		36	7.0	
Carroll	23		2.80	7	20	3.2	27.73	9.1	
Carroll	23		4.10	6.50	20	5.8	36	10.5	
Carroll	23	10	6.50	7.30	0				Exception
Carroll	23	11	0.00						Exception
Carroll	23	Ţ	1.50	4.65	20	9.7	16	6.1	
Carroll	23		4.65	11.06	20	15.5	30	23.3	
Pane Intals						38.9		0.69	

		Total Acres
38.9	38.9	0.69
Acres First Mowing	Acres Second Mowing	Acres Third Mowing

146.8

- 1. SWATHAWIDTHS FOR THIRD MOWING ARE VARIABLE AND WIDTHS SHOWN ARE AVERAGES BETWEEN THOSE LOG MILES.
- 2. FIRST & SECOND CYCLE 10' SWATH WIDTHS SHALL BE CONTINUOUS, INCLUDING ACROSS CROSS DRAINS AND BEHIND GUARD RAILS.
- 3. THIRD CYCLE MOWING SHALL INCLUDE ALL AREAS OF RIGHT-OF-WAY THAT HAVE BEEN ROUTINELY MOWED AND MAINTAINED, THIS INCLUDES AREAS UNDER AND ADJACENT TO BRIDGES AND DRAINAGE STRUCTURES.

DISTRICT 9

ARKANSAS HIGHWAY AND TRANSPORTATION DEPARTMENT CONTRACT MOWING QUANTITY SHEET

SH 5 OF 6

Route Section Begin L.M. End L.M. FEET J (FEET) Acres Ea. Third Mowing Swath/Width Acres Ea. Acres Ea. FEET AVG.) Acres Ea. FEET AVG.) Acres Ea. FEET AVG.) Acres Ea. FEET AVG.) Acres Ea. Third Mowing Swath/Width Acres Ea. Acres Ea. FEET AVG.) Acres Ea. FEET AVG.) Acres Ea. FEET AVG.) Acres Ea. Acres Ea.						First/Second				
y Route Section Begin L.M. End L.M. FEET J Acres Ea. FEET AVG. Acres Ea. 16 4 0.00 1.06 20 2.3 35.8 4.0 16 4 1.06 2.00 20 2.3 35.4 4.0 16 4 2.00 3.00 20 2.4 28.4 3.4 16 4 4.00 5.00 20 2.4 28.4 3.4 16 4 4.00 5.00 20 2.4 28.4 4.4 16 4 4.00 5.00 20 2.4 36.4 4.4 16 4 5.00 6.00 20 2.4 36.4 4.4 16 4 6.00 7.00 20 2.4 36.4 4.0 16 4 6.00 7.00 20 2.4 36.4 4.0 16 4 6.00 7.00 20 2.4 <						Mowing		Third Mowing		
y Route Section Begin L.M. End L.M. (FEET) Acres Ea. (FEET AVG.) Acres Ea. 16 4 0.00 1.06 20 2.3 35 4.0 16 4 1.06 2.00 20 2.4 28.4 3.4 16 4 2.00 3.00 20 2.4 28.4 3.4 16 4 4.00 5.00 20 2.4 29.4 3.6 16 4 4.00 5.00 20 2.4 36.4 4.4 16 4 4.00 5.00 20 2.4 35.4 4.0 16 4 6.00 7.00 20 2.4 35.8 4.0 16 4 6.00 7.00 8.00 20 2.4 30.8 3.7 16 4 8.00 9.00 20 2.4 30.8 3.7 16 4 10.00 10.00 20						Swath/Width		Swath/Width	F)	
16 4 0.00 1.06 20 2.6 37.8 16 4 1.06 2.00 20 2.3 35 16 4 2.00 3.00 20 2.4 28.4 16 4 4.00 5.00 20 2.4 28.4 16 4 6.00 20 2.4 36.4 16 4 6.00 7.00 20 2.4 35.4 16 4 7.00 8.00 20 2.4 30.8 16 4 9.00 10.00 20 2.4 30.8 16 4 10.00 11.00 20 2.4 30.8 16 4 10.00 11.00 20 2.4 35.4 16 4 11.00 12.00 18 2.2 26.8 16 4 11.00 12.88 18 1.9 33.8	County	Route	Section	Begin	End L.M.	(FEET)	Acres Ea.	(FEET AVG.)	Acres	Location Comments
16 4 1.06 2.00 20 2.3 35 16 4 2.00 3.00 20 2.4 28.4 16 4 4.00 5.00 20 2.4 28.4 16 4 4.00 5.00 20 2.4 35.4 16 4 5.00 6.00 20 2.4 35.8 16 4 7.00 8.00 20 2.4 30.8 16 4 9.00 10.00 20 2.4 30.8 16 4 10.00 11.00 20 2.4 35.4 16 4 10.00 11.00 20 2.4 30.8 16 4 11.00 11.00 20 2.4 35.4 16 4 11.00 12.00 18 2.2 26.8 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4			١	2.6	37.8	4.9	
16 4 2.00 3.00 20 2.4 28.4 16 4 3.00 4.00 20 2.4 28.4 16 4 4.00 5.00 20 2.4 36.4 16 4 5.00 6.00 20 2.4 35.8 16 4 7.00 8.00 20 2.4 30.8 16 4 7.00 8.00 20 2.4 30.8 16 4 10.00 11.00 20 2.4 35.4 16 4 10.00 11.00 20 2.4 35.4 16 4 10.00 11.00 20 2.4 36.4 16 4 10.00 11.00 20 2.4 36.4 16 4 11.00 12.00 18 2.2 26.8 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4				2.3	35	4.0	
16 4 3.00 4.00 20 2.4 29.4 16 4 4.00 5.00 20 2.4 36.4 16 4 5.00 6.00 20 2.4 35.4 16 4 6.00 7.00 20 2.4 30.8 16 4 8.00 7.00 20 2.4 30.8 16 4 9.00 10.00 20 2.4 35.4 16 4 10.00 11.00 20 2.4 35.4 16 4 10.00 11.00 20 2.4 24.4 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4				2.4	28.4	3.4	
16 4 4,00 5.00 20 2.4 36.4 16 4 5.00 6.00 20 2.4 35.4 16 4 6.00 7.00 20 2.4 32.8 16 4 7.00 8.00 20 2.4 30.2 16 4 9.00 10.00 20 2.4 35.4 16 4 10.00 11.00 20 2.4 24.4 16 4 11.00 12.00 18 2.2 26.8 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4				2.4	29.4	3.6	
16 4 5.00 6.00 20 2.4 35.4 16 4 6.00 7.00 20 2.4 32.8 16 4 7.00 8.00 20 2.4 30.2 16 4 9.00 10.00 20 2.4 30.8 16 4 10.00 11.00 20 2.4 35.4 16 4 11.00 12.00 18 2.2 26.8 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4				2.4	36.4	4.4	
16 4 6.00 7.00 20 2.4 32.8 16 4 7.00 8.00 20 2.4 30.2 16 4 8.00 10.00 20 2.4 30.8 16 4 10.00 11.00 20 2.4 35.4 16 4 11.00 12.00 18 2.2 26.8 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4				2.4	35.4	4.3	
16 4 7.00 8.00 20 2.4 30.2 16 4 8.00 9.00 20 2.4 30.8 16 4 9.00 10.00 20 2.4 35.4 16 4 10.00 11.00 20 2.4 24.4 16 4 11.00 12.00 18 2.2 26.8 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4	6.00			2.4	32.8	4.0	
16 4 8.00 - 9.00 20 2.4 30.8 16 4 9.00 10.00 20 2.4 35.4 16 4 10.00 11.00 20 2.4 24.4 16 4 11.00 12.00 18 2.2 26.8 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4	7.00			2.4	30.2	3.7	
16 4 9.00 10.00 20 2.4 35.4 16 4 10.00 11.00 20 2.4 24.4 16 4 11.00 12.00 18 2.2 26.8 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4		e		2.4	30.8	3.7	
16 4 10.00 11.00 20 2.4 24.4 16 4 11.00 12.00 18 2.2 26.8 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4				2.4	35.4	4.3	
16 4 11.00 12.00 18 2.2 26.8 16 4 12.00 12.88 18 1.9 33.8	Madison	16	4	Ĺ			2.4	24.4	3.0	
16 4 12.00 12.88 18 1.9 33.8	Madison	16		_			2.2	26.8	3.2	
300	Madison	16	4	12.00		18	1.9	33.8	3.6	
0000										
0.00										
30.0	Page Totals						30.8		50.0	

Acres Third Mowing

Acres Second Mowing

Acres First Mowing

1. SWATH/WIDTHS FOR THIRD MOWING ARE VARIABLE AND WIDTHS SHOWN ARE AVERAGES BETWEEN THOSE LOG MILES.

Total Acres

30.8 30.8 50.0

- 2. FIRST & SECOND CYCLE 10' SWATH WIDTHS SHALL BE CONTINUOUS, INCLUDING ACROSS CROSS DRAINS AND BEHIND GUARD RAILS.
- 3. THIRD CYCLE MOWING SHALL INCLUDE ALL AREAS OF RIGHT-OF-WAY THAT HAVE BEEN ROUTINELY MOWED AND MAINTAINED, THIS INCLUDES AREAS UNDER AND ADJACENT TO BRIDGES AND DRAINAGE STRUCTURES.

Sh 6 of 6

SUMMARY OF QUANTITIES Missouri State Line to VanBuren County Line REVISED

			ACRES	ACRES	ACRES	
			FIRST	SECOND	THIRD	
COUNTY	ROUTE	SECTION	CYCLE	CYCLE	CYCLE	TOTAL ACRES
Franklin	23	7	33.6	33.6	75.5	142.6
Madison	23	8	6.99	6.99	162.4	296.2
Madison	23	6	44.8	44.8	125.6	215.2
Carroll	23	10	15.8	15.8	39.6	71.1
Carroll	23	<u></u>	23.2	23.2	29.4	75.8
Madison	16	4	30.8	30.8	20.0	111.6
Job Totals			215.0	215.0	482.5	912.5