

## **APPENDICES**

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### **Types of Permits Available**

- Single Trip
- Six Day County
- Annual Animal Feed (85,000 pounds gross weight)
- Annual 57' Trailer
- Annual Permit for Unprocessed Cross-ties/Limited to Five Per Person
- Annual Water Drilling and Agriculture Aviation Vehicles
- Annual Emergency Vehicles (Wrecker and/or Towing & Recovery Vehicles)
- Annual Permit for width up to ten feet, eight inches (10'8) with origins from an adjacent state with one-way mileage limited to 15 miles in one county.
- Annual Agronomic or Horticultural Products
- Annual Sealed Container
- Annual Farm Equipment Dealer Transport up to 12' wide.
- Vehicle of Special Design (VSD)
- Annual Forestry Equipment

## **APPENDIX**

### **INFORMATION REQUIRED TO OBTAIN A PERMIT**

Applications for permits to move vehicles exceeding the statutory maximum weights or dimensions over the State Highway System shall be submitted to the Permit Section in writing, in person, by telephone, telefax, or by the online Arkansas Routing and Permitting System (ARPARS). The Permit Section's telephone number is (501-569-2381). For information and access to ARPARS, contact the Permit Section at 501-569-2546. The Permit Section is the only source for overweight/oversize permits.

The application shall include the following information:

1. NAME OF APPLICANT
2. ADDRESS
3. DESCRIPTION OF LOAD
4. SERIAL NUMBER ON LOAD
5. LICENSE NUMBER OF VEHICLE AND TRAILER
6. YEAR, MAKE, MODEL AND FULL VIN ON VEHICLE AND TRAILER
7. STATE IN WHICH VEHICLE IS REGISTERED
8. TOTAL NUMBER OF AXLES AND SPACINGS BETWEEN AXLES
9. GROSS WEIGHT
10. STEERING AXLE WEIGHT AND RATING AND EACH AXLE WEIGHT
11. MAXIMUM WIDTH
12. MAXIMUM LENGTH
13. MAXIMUM HEIGHT
14. FRONT OVERHANG
15. ORIGIN (within Arkansas)
16. DESTINATION (within Arkansas)
17. HIGHWAY NUMBERS OVER WHICH MOVEMENT IS REQUIRED
18. DATES MOVEMENT REQUESTED
19. NUMBER OF ESCORTS
20. OTHER INFORMATION AS MAY BE REQUIRED

## **APPENDIX**

### **OVERWEIGHT FEE CHART**

Pursuant to Arkansas Code Annotated § 27-35-210, a charge of seventeen dollars (\$17) shall be made for each permit. In addition, for each ton or major fraction thereof to be hauled in excess of the lawful weight and load for that vehicle, or combination of vehicles, charges shall be made for such as follows:

<b>Mileage to be traveled:</b>	<b>Charge on Each Ton, Per Ton, or Fraction Thereof</b>
100 Miles or Less.....	\$ 8.00
101 to 150, inclusive.....	\$10.00
151 to 200, inclusive.....	\$12.00
201 to 250, inclusive.....	\$14.00
251 miles or more.....	\$16.00

### **OVERWEIGHT FEE CHART / MOBILE CONSTRUCTION VEHICLES AND EQUIPMENT**

Pursuant to Arkansas Code Annotated § 27-35-210, a charge of seventeen dollars (\$17) shall be made for each permit. In addition, for each ton or major fraction thereof to be hauled in excess of the lawful weight and load for mobile construction vehicles and equipment, charges shall be made for such as follows:

<b>Mileage to be traveled:</b>	<b>Charge on First 5 Tons, Per Ton, or Fraction Thereof</b>	<b>Charge on Next 5 Tons, Per Ton, or Fraction Thereof</b>	<b>Charge on Additional Tonnage, Per Ton, or Fraction Thereof</b>
100 Miles or Less.....	\$1.25.....	\$2.50.....	\$3.75
101 to 150, inclusive.....	\$2.00.....	\$3.50.....	\$5.00
151 to 200, inclusive.....	\$2.50.....	\$4.50.....	\$6.25
201 to 250, inclusive.....	\$3.25.....	\$5.50.....	\$7.50
251 miles or more.....	\$3.75.....	\$6.25.....	\$8.75

## **APPENDIX** -

### **ARKANSAS HIGHWAY POLICE WEIGH STATIONS**

#### **Station, Physical Location, Mailing Address, Telephone**

Alma Interstate 40 West, (9 mm)  
PO Box 392, Van Buren, AR 72956

Eastbound (479) 474-6074 or (479) 474-5355  
Westbound (479) 471-8117 or (479) 471-8930  
Eastbound Fax (479) 474-7897

Bridgeport Interstate 55 North, (1 mm)  
PO Box 341, Marion, AR 72364

(870) 732-2714 or (870) 732-2724  
Fax (870) 733-9670

Fayetteville Interstate 49, (71 mm)  
PO Box 6633, Springdale, AR 72766

Southbound (479) 756-5831  
Northbound (479) 756-5832  
Southbound Fax (479) 756-5394

Hope Interstate 30 West, (26 mm)  
PO Box 474, Hope, AR 71802

Eastbound (870) 777-4540 or (870) 777-2163  
Westbound (870) 777-1946 or (870) 777-2430  
Eastbound Fax (870) 777-1686

Lehi Interstate 40 East, (274 mm)  
PO Box 2126, West Memphis, AR 72303

Eastbound (870) 735-1162 or (870) 735-1295  
Fax (870) 732-4420

Marion Interstate 55 South, (9 mm)  
PO Box 341, Marion, AR 72364

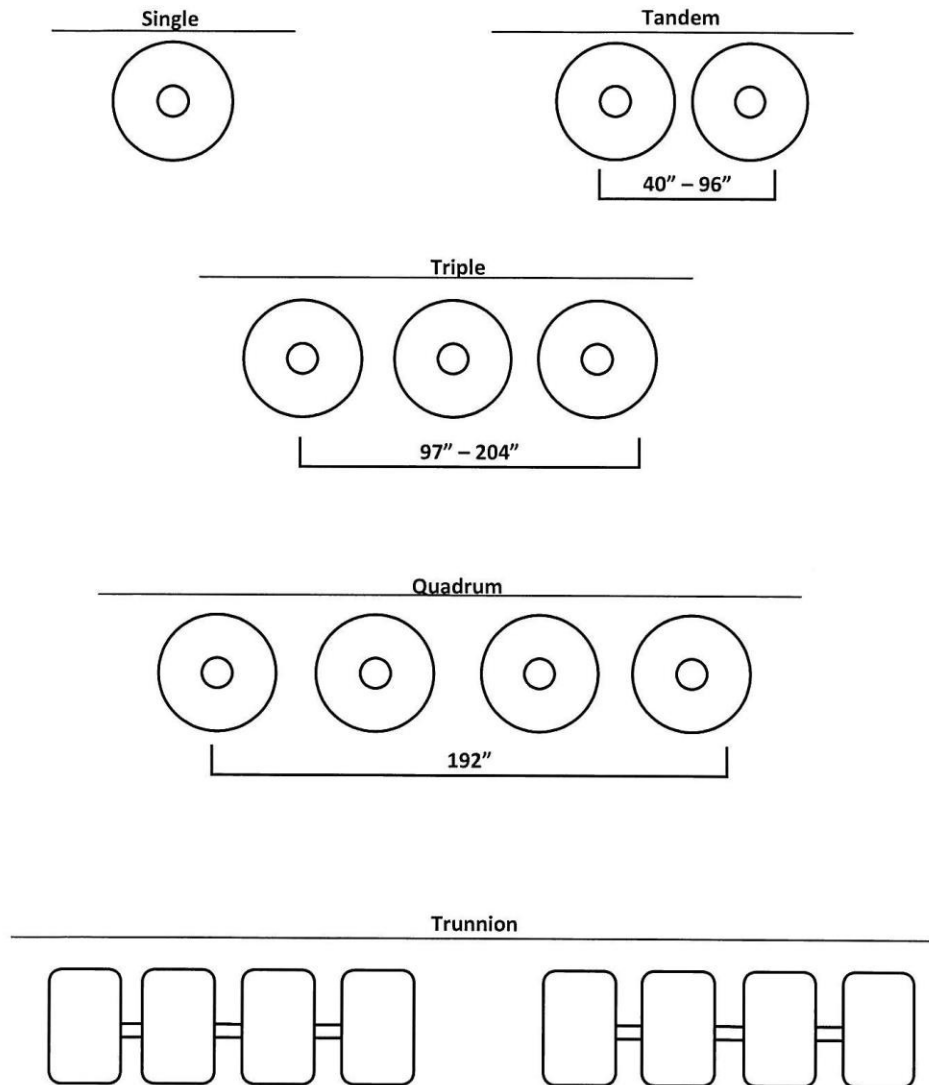
(870) 735-2266 or (870) 735-2398  
Fax (870) 735-5024

Riverside Interstate 40 West, (283 mm)  
PO Box 2126, West Memphis, AR 72303

(870) 735-3936 or (870) 735-4448  
Fax (870) 735-6025

## APPENDIX

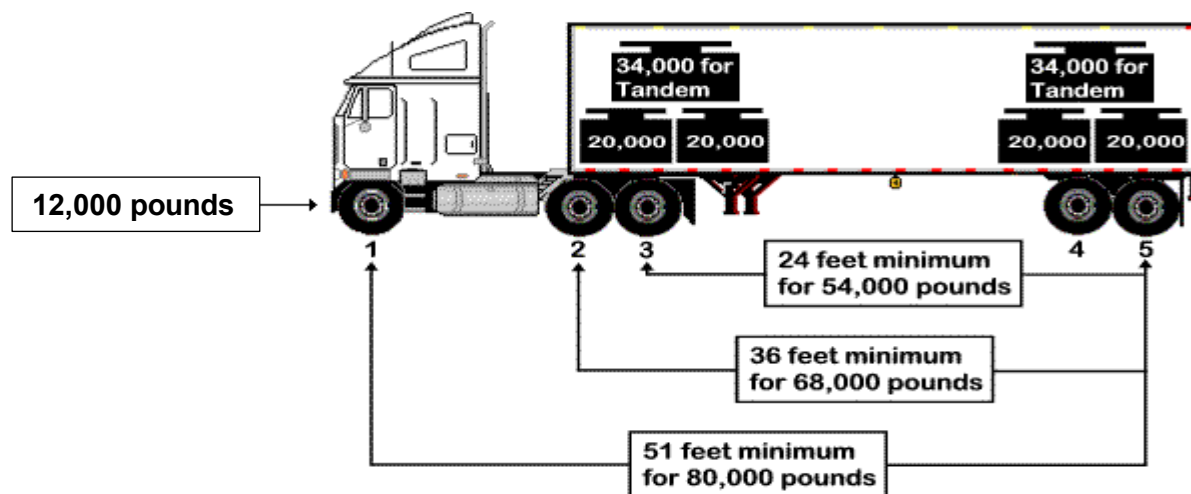
### Examples of Axle Configurations



## APPENDIX

### Federal Bridge Formula

*The Federal Bridge Formula is used to determine the maximum gross vehicle weights, and maximum weights of axle groups allowed on Arkansas Highways.*



Bridge Formula:  $W = 500 \times [LN / (N-1) = 12N + 36]$

**W** = maximum allowed weight obtained from computation of above formula.

**L** = the length, measured from the centers of the axles, between any axle grouping.

**N** = the number of axles in the group being measured.

**W** = the length multiplied by the number of axles; then divide that answer by the number which equals the number of axles in the group being measured minus one (1); then add the number resulting from multiplying the number of axles being measured by 12; then add 36 to that answer; then multiply that times 500.

To comply with the “bridge formula,” a truck must meet the weights listed in table above on **ALL** axle measurements. This means that it must meet the weights listed for these measurements (by axle number);

#1 axle to #2 axle	#2 axle to #3 axle	#3 axle to #4 axle	#4 axle to #5 axle
#1 axle to #3 axle	#2 axle to #4 axle	#3 axle to #5 axle	
#1 axle to #4 axle	#2 axle to #5 axle		
#1 axle to #5 axle			

To be considered a tandem grouping, the two axles must be spaced 40 or more inches apart and no more than 96 inches apart.

# Federal Bridge Formula Table

## Permissible Gross Loads for Vehicles in Regular Operation<sup>1</sup>

		Based on weight formula							
		$W = 500 \left[ \frac{LN}{N-1} + 12N + 36 \right]$							
Distance in feet (L) between the extremes of any group of 2 or more consecutive axles		Maximum load in pounds carried on any group of 2 or more consecutive axles <sup>2</sup>							
L	N=	2 AXLES	3 AXLES	4 AXLES	5 AXLES	6 AXLES	7 AXLES	8 AXLES	9 AXLES
Tandem Axle Weight (see pages 3 & 4)	4.....	34,000	.....	.....	.....	.....	.....	.....	.....
	5.....	34,000	.....	.....	.....	.....	.....	.....	.....
	6.....	34,000	.....	.....	.....	.....	.....	.....	.....
	7.....	34,000	.....	.....	.....	.....	.....	.....	.....
	8.....	34,000	34,000	.....	.....	.....	.....	.....	.....
	More than 8/less than 9	38,000	42,000	.....	.....	.....	.....	.....	.....
	9.....	39,000	42,500	.....	.....	.....	.....	.....	.....
	10.....	40,000	43,500	.....	.....	.....	.....	.....	.....
	11.....	.....	44,000	.....	.....	.....	.....	.....	.....
	12.....	.....	45,000	50,000	.....	.....	.....	.....	.....
	13.....	.....	45,500	50,500	.....	.....	.....	.....	.....
	14.....	.....	46,500	51,500	.....	.....	.....	.....	.....
	15.....	.....	47,000	52,000	.....	.....	.....	.....	.....
	16.....	.....	48,000*	52,500	58,000	.....	.....	.....	.....
	17.....	.....	48,500	53,500	58,500	.....	.....	.....	.....
	18.....	.....	49,500	54,000	59,000	.....	.....	.....	.....
Example (see page 7)	19.....	.....	50,000	54,500	60,000	.....	.....	.....	.....
	20.....	.....	51,000	55,500	60,500	66,000	.....	.....	.....
	21.....	.....	51,500	56,000	61,000	66,500	.....	.....	.....
	22.....	.....	52,500	56,500	61,500	67,000	.....	.....	.....
	23.....	.....	53,000	57,500	62,500	68,000	.....	.....	.....
	24.....	.....	54,000	58,000	63,000	68,500	74,000	.....	.....
	25.....	.....	54,500	58,500	63,500	69,000	74,500	.....	.....
	26.....	.....	55,500	59,500	64,000	69,500	75,000	.....	.....
	27.....	.....	56,000	60,000	65,000	70,000	75,500	.....	.....
	28.....	.....	57,000	60,500	65,500	71,000	76,500	82,000	.....
	29.....	.....	57,500	61,500	66,000	71,500	77,000	82,500	.....
	30.....	.....	58,500	62,000	66,500	72,000	77,500	83,000	.....
	31.....	.....	59,000	62,500	67,500	72,500	78,000	83,500	.....
	32.....	.....	60,000	63,500	68,000	73,000	78,500	84,500	90,000
	33.....	.....	.....	64,000	68,500	74,000	79,000	85,000	90,500
	34.....	.....	.....	64,500	69,000	74,500	80,000	85,500	91,000
Exception (see page 9)	35.....	.....	.....	65,500	70,000	75,000	80,500	86,000	91,500
	36.....	.....	.....	66,000	70,500	75,500	81,000	86,500	92,000
	37.....	.....	.....	66,500	71,000	76,000	81,500	87,000	93,000
	38.....	.....	.....	67,500	71,500	77,000	82,000	87,500	93,500
	39.....	.....	.....	68,000	72,000	77,500	82,500	88,500	94,000
	40.....	.....	.....	68,500	73,000	78,000	83,500	89,000	94,500
	41.....	.....	.....	69,500	73,500	78,500	84,000	89,500	95,000
	42.....	.....	.....	70,000	74,000	79,000	84,500	90,000	95,500
	43.....	.....	.....	70,500	75,000	80,000	85,000	90,500	96,000
	44.....	.....	.....	71,500	75,500	80,500	85,500	91,000	96,500
	45.....	.....	.....	72,000	76,000	81,000	86,000	91,500	97,500
	46.....	.....	.....	72,500	76,500	81,500	87,000	92,500	98,000
	47.....	.....	.....	73,500	77,500	82,000	87,500	93,000	98,500
	48.....	.....	.....	74,000	78,000	83,000	88,000	93,500	99,000
	49.....	.....	.....	74,500	78,500	83,500	88,500	94,000	99,500
Interstate Gross Weight Limit (see page 2)	50.....	.....	.....	75,500	79,000	84,000	89,000	94,500	100,000
	51.....	.....	.....	76,000	80,000	84,500	89,500	95,000	100,500
	52.....	.....	.....	76,500	80,500	85,000	90,500	95,500	101,000
	53.....	.....	.....	77,500	81,000	86,000	91,000	96,500	101,500
	54.....	.....	.....	78,000	81,500	86,500	91,500	97,000	102,000
	55.....	.....	.....	78,500	82,500	87,000	92,000	97,500	102,500
	56.....	.....	.....	79,500	83,000	87,500	92,500	98,000	103,000
	57.....	.....	.....	80,000	83,500	88,000	93,000	98,500	104,000
	58.....	.....	.....	.....	84,000	89,000	94,000	99,000	104,500
	59.....	.....	.....	.....	85,000	89,500	94,500	99,500	105,000
	60.....	.....	.....	.....	85,500	90,000	95,000	100,500	105,500

<sup>1</sup>The values in this table reflect FHWA's policy of rounding down when calculated weights fall exactly halfway between 500-pound increments. Because the Bridge Formula is designed to protect highway infrastructure, FHWA determined that this conservative policy is consistent with the statutory mandate.

<sup>2</sup>The following loaded vehicles must not operate over H15-44 bridges; 3-S2 (5-axle tractor

semitrailer with a wheelbase of less than 38 feet), 2-S1-2 (5-axle semitrailer combination with a wheelbase of less than 45 feet), 3-3 (6-axle truck trailer combination with a wheelbase less than 45 feet), and any truck with 7 or more axles. H15-44 bridges are designed for a specific vehicle load; H15 refers to a 15-ton 2-axle truck; 44 refers to the year AASHTO published the loading information. See AASHTO Standard Specifications for Highway Bridges.



## ARDOT DISTRICT DIRECTORY

<b>DISTRICT #1</b>	<b>WYNNE .....(870) 238-8144</b> 2701 Hwy 64 West; P.O. Box 278; Wynne 72396
<b>DISTRICT #2</b>	<b>PINE BLUFF .....(870) 534-1612</b> 4900 U.S.65 South; P.O. Box 6836; Pine Bluff 71611
<b>DISTRICT #3</b>	<b>HOPE .....(870) 777-3457</b> 2911 Hwy 29 North; P.O. Box 490; Hope 71801
<b>DISTRICT #4</b>	<b>FORT SMITH .....(479) 484-5306</b> 808 Frontier Rd, Barling, 72923 ; P.O. Box 11170
<b>DISTRICT #5</b>	<b>BATESVILLE .....(870) 251-2374</b> 1673 Batesville Rd, Batesville, 72503; P.O. Box 2376; Batesville 72501
<b>DISTRICT #6</b>	<b>LITTLE ROCK .....(501) 569-2266</b> 8900 Mabelvale Pike; P.O. Box 190296; Little Rock 72219
<b>DISTRICT #7</b>	<b>CAMDEN .....(870) 836-6401</b> 2245 California Avenue; P.O. Box 897; Camden 71701
<b>DISTRICT #8</b>	<b>RUSSELLVILLE .....(479) 968-2286</b> 372 Aspen Lane; P. O. Box 70; Russellville 72811
<b>DISTRICT #9</b>	<b>HARRISON .....(870) 749-2100</b> 4590 Hwy 65 South; P.O. Box 610; Harrison 72602
<b>DISTRICT #10</b>	<b>PARAGOULD .....(870) 239-9511</b> 2510 Hwy 412 West; P.O. Box 98; Paragould 72451