

## **APPENDICES**

## APPENDIX

### **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 Hauler 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 501-569-2381 option 3. 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. NUMBER OF TIRES AND TIRE WIDTH IN INCHES ON EACH AXLE
12. MAXIMUM WIDTH
13. MAXIMUM LENGTH
14. MAXIMUM HEIGHT
15. FRONT OVERHANG
16. ORIGIN (within Arkansas)
17. DESTINATION (within Arkansas)
18. HIGHWAY NUMBERS OVER WHICH MOVEMENT IS REQUIRED
19. DATES MOVEMENT REQUESTED
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** -

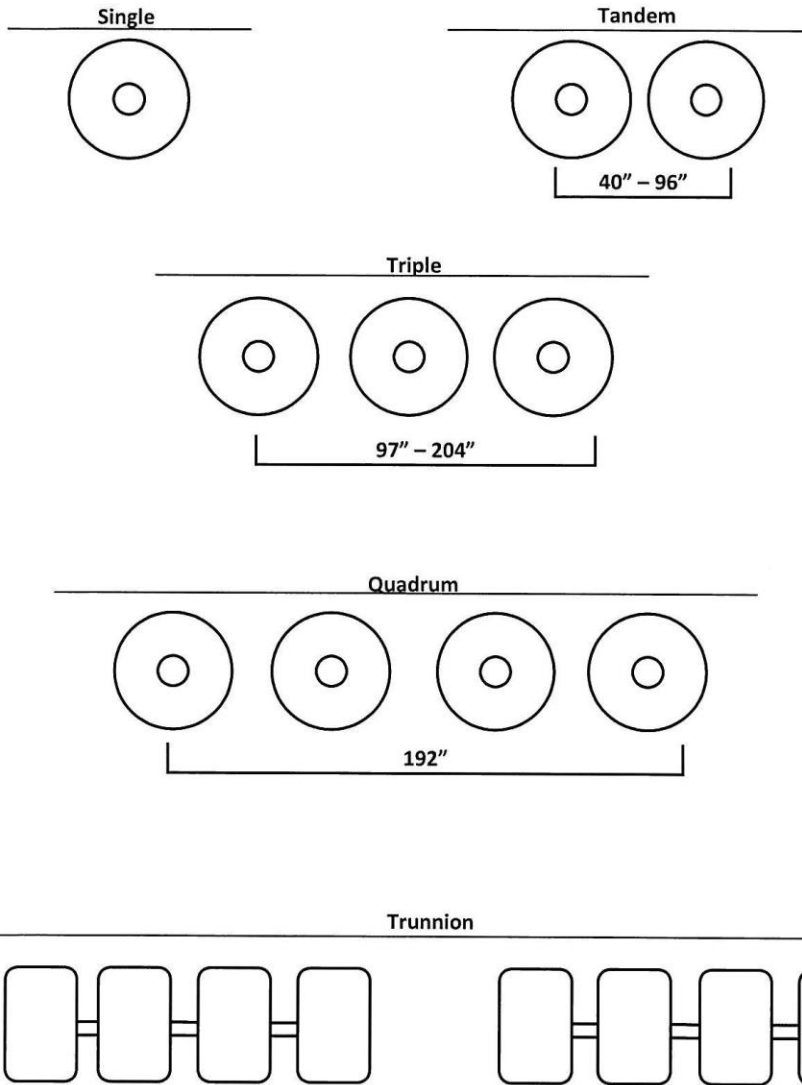
**ARKANSAS HIGHWAY POLICE WEIGH STATIONS**

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

|   |  |
|---|--|
| Alma Interstate 40 West, (9 mm)<br>PO Box 392, Van Buren, AR 72956            | Eastbound (479) 384-3968 479<br>Westbound (479) 384-3970<br>Fax (479) 384-3969 |
| Bridgeport Interstate 55 North, (1 mm)<br>PO Box 341, Marion, AR 72364        | (479) 384-3971<br>Fax (479) 384-3972   |
| Fayetteville Interstate 49, (71 mm)<br>PO Box 6633, Springdale, AR 72766      | (479) 384-3973   |
| Hope Interstate 30 West, (26 mm)<br>PO Box 474, Hope, AR 71802                | Eastbound (479) 384-3976<br>Westbound (479) 384-3977<br>Fax (479) 384-3978     |
| Lehi Interstate 40 East, (274 mm)<br>PO Box 2126, West Memphis, AR 72303      | (479) 384-3979<br>Fax (479) 384-3980   |
| Marion Interstate 55 South, (9 mm)<br>PO Box 341, Marion, AR 72364            | (479) 384-3981<br>Fax (479) 384-3982   |
| Riverside Interstate 40 West, (283 mm)<br>PO Box 2126, West Memphis, AR 72303 | (479) 384-3983<br>Fax (479) 384-3984   |

**APPENDIX**

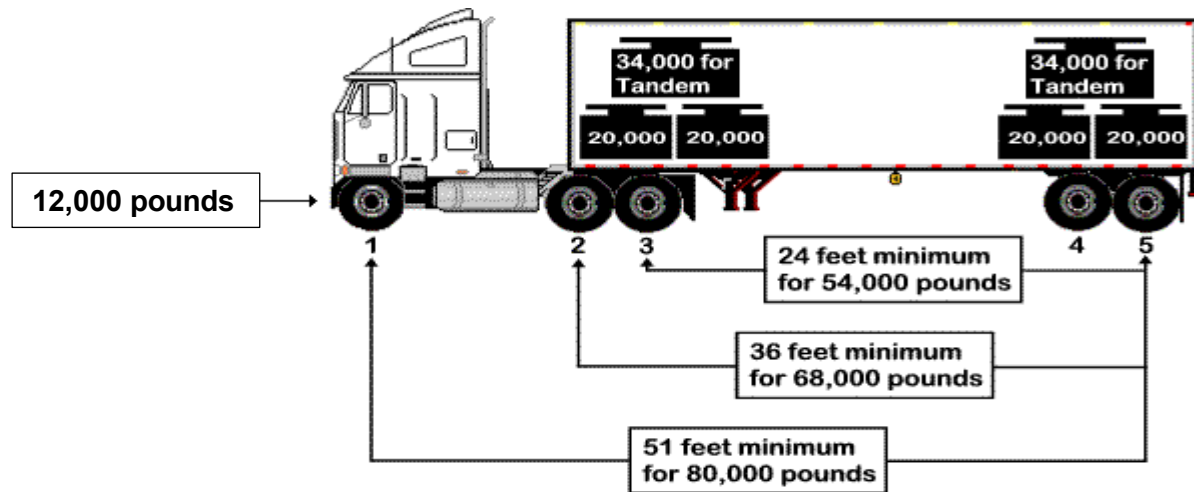
**Examples of Axle Configurations**



## 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  | .....   | .....   | .....   | .....   |
| 19                                   | Example                 | 50,000  | 54,500                                     | 60,000  | .....   | .....   | .....   | .....   |         |
| 20                                   | (see page 7)            | .....   | 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  |         |
| 33.....                              | .....                   | .....   | .....                                      | 64,000  | 68,500  | 74,000  | 79,000  | 85,000  |         |
| 34.....                              | .....                   | .....   | .....                                      | 64,500  | 69,000  | 74,500  | 80,000  | 85,500  |         |
| 35.....                              | .....                   | .....   | .....                                      | 65,500  | 70,000  | 75,000  | 80,500  | 86,000  |         |
| 36.....                              | .....                   | .....   | Exception (see page 9)                     | 66,000  | 70,500  | 75,500  | 81,000  | 86,500  |         |
| 37.....                              | .....                   | .....   | .....                                      | 66,500  | 71,000  | 76,000  | 81,500  | 87,000  |         |
| 38.....                              | .....                   | .....   | .....                                      | 67,500  | 71,500  | 77,000  | 82,000  | 87,500  |         |
| 39.....                              | .....                   | .....   | .....                                      | 68,000  | 72,000  | 77,500  | 82,500  | 88,500  |         |
| 40.....                              | .....                   | .....   | .....                                      | 68,500  | 73,000  | 78,000  | 83,500  | 89,000  |         |
| 41.....                              | .....                   | .....   | .....                                      | 69,500  | 73,500  | 78,500  | 84,000  | 89,500  |         |
| 42.....                              | .....                   | .....   | .....                                      | 70,000  | 74,000  | 79,000  | 84,500  | 90,000  |         |
| 43.....                              | .....                   | .....   | .....                                      | 70,500  | 75,000  | 80,000  | 85,000  | 90,500  |         |
| 44.....                              | .....                   | .....   | .....                                      | 71,500  | 75,500  | 80,500  | 85,500  | 91,000  |         |
| 45.....                              | .....                   | .....   | .....                                      | 72,000  | 76,000  | 81,000  | 86,000  | 91,500  |         |
| 46.....                              | .....                   | .....   | .....                                      | 72,500  | 76,500  | 81,500  | 87,000  | 92,500  |         |
| 47.....                              | .....                   | .....   | .....                                      | 73,500  | 77,500  | 82,000  | 87,500  | 93,000  |         |
| 48.....                              | .....                   | .....   | .....                                      | 74,000  | 78,000  | 83,000  | 88,000  | 93,500  |         |
| 49.....                              | .....                   | .....   | .....                                      | 74,500  | 78,500  | 83,500  | 88,500  | 94,000  |         |
| 50.....                              | .....                   | .....   | .....                                      | 75,500  | 79,000  | 84,000  | 89,000  | 94,500  |         |
| 51.....                              | .....                   | .....   | .....                                      | 76,000  | 80,000  | 84,500  | 89,500  | 95,000  |         |
| 52.....                              | .....                   | .....   | .....                                      | 76,500  | 80,500  | 85,000  | 90,500  | 95,500  |         |
| 53.....                              | .....                   | .....   | .....                                      | 77,500  | 81,000  | 86,000  | 91,000  | 96,500  |         |
| 54.....                              | .....                   | .....   | .....                                      | 78,000  | 81,500  | 86,500  | 91,500  | 97,000  |         |
| 55.....                              | .....                   | .....   | .....                                      | 78,500  | 82,500  | 87,000  | 92,000  | 97,500  |         |
| 56.....                              | .....                   | .....   | .....                                      | 79,500  | 83,000  | 87,500  | 92,500  | 98,000  |         |
| 57.....                              | .....                   | .....   | Interstate Gross Weight Limit (see page 2) | 80,000  | 83,500  | 88,000  | 93,000  | 98,500  |         |
| 58.....                              | .....                   | .....   | .....                                      | .....   | 84,000  | 89,000  | 94,000  | 99,000  |         |
| 59.....                              | .....                   | .....   | .....                                      | .....   | 85,000  | 89,500  | 94,500  | 99,500  |         |
| 60.....                              | .....                   | .....   | .....                                      | .....   | 85,500  | 90,000  | 95,000  | 100,500 |         |

<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**

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