

Overdimension and Overweight Permit Regulations



Title 7—Department of Transportation
Division 10—Missouri Highways and Transportation Commission
Chapter 25—Motor Carrier Operations

7 CSR 10-25.020 Overdimension and Overweight Permits

Purpose: This rule provides a uniform system for issuing special permits to regulate vehicles used on the state highways which when loaded exceed the limitations on length, width, height and weight established in Chapter 304, RSMo.

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Chief Engineer

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Missouri Overdimension and Overweight Permit Regulations

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(1) General Regulations for Overdimension/Overweight Permits.

(A) In the design and fabrication of all vehicles, machinery, equipment, structures, buildings or other units or components, careful consideration must be given to the legal and physical limitations applicable to all available forms of transportation between point of fabrication and the original or subsequent destinations.

(B) Permits will not be granted for travel on the state highway system for movement of a load reducible in dimension(s) or weight, except for farm products (hay) and equipment with dual tires as permitted in sections (7) and (10). Reducible portions of any overdimension or overweight load shall include, but are not limited to, any attachment, accessory, member or assembly designed to be detached with hand tools.

(C) Unladen vehicles or combinations are to comply with legal size and weight limitations as listed in Chapter 304 of the Missouri Revised Statutes unless exceptions can be justified by safety considerations based on an overdimension or overweight object to be transported by the vehicle.

(D) Economic factors in either the saving of time or costs for routing will not be considered of primary importance in the routing process and the department reserves the right to designate routing and travel time for all movements. Safety, structure capacities and clearances, roadway widths, and traffic volumes will all be considered in route determination. The routing will use the designated state highway system as shown on the Missouri Vehicle Route Map and/or be as direct as possible. When other streets or highways off the state highway system are used, it will be the responsibility of the applicant to obtain approval from the agency responsible for such off-state highway and adhere to all bridge capacity postings on the state highway system.

(E) Limitations for all overdimension and overweight load movements will be determined by the least hazardous road conditions and volume of traffic which will be encountered and the practical capacity of the roadway, structures and the vehicle involved, based upon axle loads. All responses to requests for routing approval prior to application are furnished for general information

only. Due to constantly changing highway conditions such routing approval is subject to change without notice.

(F) Exceptions may be made for feasible overdimension and/or overweight movements certified as essential to national defense, upon receipt of written documentation by designated officials within the Defense Department.

(G) Permits may specify maximum and minimum speeds to reduce hazards or control impact factors on pavement or structures. Power units shall have sufficient weight and power to handle the load safely and maintain reasonable speeds.

(H) Permits for round trips will not be issued. Each single trip permit covers the movement of one (1) load only, between one origin and one destination, except for the multi-stop permit designed for transportation of farm implement delivery only (legal loads are not considered for multi-stop permits since permits are not required for legal loads). Moves must be completed in seven (7) moving days, except for multi-state permits which must be completed in ten (10) days, and blanket permits which are for a specified period.

(I) Movement is restricted on the following holidays: New Year's Day (January 1), Memorial Day (last Monday in May), Independence Day (July 4), Labor Day (first Monday in September), Thanksgiving Day (fourth Thursday in November), and Christmas Day (December 25).

1. The restriction for Thanksgiving will begin at 12:00 noon on Wednesday and apply until one-half (1/2) hour before sunrise on the following Monday. In the event a holiday falls on Saturday, the restriction will apply to the preceding Friday. If a holiday falls on Sunday, the restriction will apply to the following Monday. On all holidays, the restriction will begin at 12:00 noon on the day preceding the holiday or the holiday weekend period.

2. All offices are closed on the holidays listed in paragraph (1)(I)1. Only the Jefferson City office will be open on Martin Luther King Day (third Monday in January), Lincoln's Day (February 12), Presidents' Day (third Monday in February), Truman Day (May 8), Columbus Day (second Monday in October), and Veterans' Day (November 11). All other offices

will be closed on these dates, and on any date designated by the governor as a holiday; however, movement under permit is allowed on these days.

(J) Travel under permit must be with properly licensed, insured and permitted vehicles under Chapters 260, 301 through 307, 390 and 622 of the Missouri Revised Statutes, and vehicles must be licensed for maximum weights in order to obtain overweight permits.

(2) Financial Responsibility.

(A) An applicant must submit proof of insurance meeting the required minimum amount before a permit can be issued. While operating under authority granted under this rule, an applicant must have on file with the Missouri Department of Transportation, Motor Carrier Services Division an approved certificate of liability insurance specifically showing coverage of amounts not less than the following:

Schedule of Minimum Limits of Combined Single Limit Automobile Liability

Type of Move	Amount
1) Routine	\$750,000
2) Super Heavy and Large Loads	\$2,000,000
3) Noncommercial Building (House) Movement	\$2,000,000

Refer to subsection (8)(C) for financial responsibility for escorts. (B) For movement of a noncommercial building (as described in section (16)), the insurance certificate or other evidence of insurance provided by the applicant **MUST INCLUDE** the following statement under description of operations: “**STRUCTURAL MOVING OPERATIONS OF THE NAMED INSURED INCLUDED IN THIS COVERAGE.**” In the case of excessive overweight, additional financial responsibility may be required to protect the state in regard to excessive damage to the state highway system and its facilities.

(C) Insurance for all permit operations shall be in force for the duration of the permit period.

(D) Filing of Documents. Insurance companies offering motor carrier insurance certificates, cancellation notices, or other documents for filing with the division pursuant to this rule, shall deliver the documents to the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102 by any of the following methods: personal delivery, U.S. mail, express courier delivery, FAX, electronic mail (E-mail), or other approved electronic media. A person or company that offers photocopies, FAX copies, or elec-

tronic documents for filing shall be bound by them as if they were signed originals. All documents offered for filing shall comply with the applicable requirements and be properly signed or otherwise authenticated in accordance with this rule.

(3) Agreements and Conditions.

(A) The permittee agrees to the following conditions when a permit is issued:

1. The permittee named therein agrees to assume full responsibility for injury to persons or damage to public or private property, including the state highway system and its facilities, caused by the movement of the vehicle or its load under the special permit involved;
2. The permittee agrees to hold harmless the Missouri Highways and Transportation Commission, the Department of Transportation, the Missouri State Highway Patrol, their agents, servants and employees, from any and all claims, judgments, damages or expenses of any kind on the part of the applicant, permittee or any person, firm or corporation having an interest in either the vehicle, the load or other property involved in the movement over the route prescribed in said permit;
3. The permittee, as a condition to the issuance of a special permit, agrees to indemnify the Missouri Highways and Transportation Commission, the Department of Transportation, the Missouri State Highway Patrol, their agents, servants or employees, for any sums which it, its agents, servants or employees are or may be required to expend in defense of any claims or actions for damages and to indemnify the Missouri Highways and Transportation Commission, the Department of Transportation, the Missouri State Highway Patrol, their agents, servants or employees, arising out of the movement, under this special permit, of a vehicle or load over the route prescribed by the Missouri Department of Transportation, its agents, servants or employees;
4. The permittee will cause the operators of all motor vehicles involved in the movement to take all necessary precautions to avoid hazards existing along the prescribed route, such as, but not limited to, construction projects, physical restrictions or conditions which will not permit the movement of the vehicle and its load without detriment to the state highway or its drainage structure, signs, guardrails, signals,

- shoulders, pavement, right-of-way or any other facility;
5. Should the permittee or the permittee's officers, agents, employees or operators encounter a condition on the route prescribed not contemplated by the permit, or signs or markings indicating an emergency condition creating a reasonable doubt as to the continuance of the trip, the permittee, officer, agent, employee or operator of the vehicle shall immediately notify the appropriate official or employee of Motor Carrier Services Division of the Missouri Department of Transportation for a suggested course of action. In any event, departure from a prescribed route, except by specific authorization of Motor Carrier Services Division, renders the permit void;
 6. Any misrepresentation in the application for a special permit or any operation not made in strict compliance with the permit and not in compliance with 7 CSR 10-25.020, except as specifically exempted, is unlawful and renders the permit void;
 7. Any permit used for a movement other than that for which granted, is void in its entirety and the movement involved will be in violation of the law, as though such permit had never been granted;
 8. Permits voided by a violation shall be surrendered to any law enforcement officer or to any employee of the Missouri Department of Transportation and permits so surrendered shall be returned to the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102;
 9. A new permit and required fees covering the remainder of the movement will not be issued until all charges arising out of the violation have been satisfied and the routing or movement modified to meet the regulations established herein;
 10. Permits are issued by authority of law only when the public safety or public interest justifies their issuance. Any misrepresentation in the application or violation of the terms of the permit may result in denial of future applications of the violator; and
 11. Permission is granted only for dimensions and up to the

weight, as specified, and compliance in all other respects is required with Chapters 260, 301 through 307, 390, and 622 of the Missouri Revised Statutes as amended, all other applicable state and federal laws and rules and regulations of state and federal regulatory bodies.

12. All permittees are responsible for the accuracy of their permits and shall notify the Missouri Department of Transportation, Motor Carrier Services Division of any inaccuracies before movement commences.

(B) In addition to these agreements and conditions, the following will apply:

1. All violations or misrepresentations will be recorded and the permittee will be notified in writing that future violations may result in a suspension or revocation of privileges;
2. Flagrant or repeated violations of permit restrictions and/or traffic safety laws in combination thereof are not in the interest of public safety and the permittee will be advised in writing, if his/her record is such that future permits should not be granted in the opinion of the Missouri Department of Transportation. A suspension of such privilege shall last for two (2) weeks and a revocation of such privilege for one (1) year;
3. Suspensions, revocations and re-instatements may be modified or rescinded by the Motor Carrier Services' director or his/her representative and their decision shall be final.

(4) Permit Applications, Permit Transmissions and Permit Fees.

(A) All overdimension and overweight applications should be completed and fees filed at least two (2) days prior to the date of movement, except permits covered by sections (15) and (16) should allow two (2) weeks advance notice. This will allow sufficient time for any investigations, studies or analysis necessary for the issuance of the official permit.

(B) Applications for permits are accepted in person, by mail, by telephone, and by computer inquiry.

(C) Applications may be reproduced or copies will be furnished upon request. Each application shall show all information requested in regard to the applicant, load description (including make, model, serial number and dimensions) and vehicle description (including vehicle combination, year, make, vehicle identification number, insurance and license). The type of power unit (truck or tractor) and trailer (semi or other configuration) shall also be required.

(D) Application for an overdimension permit must show overall width, length, length of trailer and load, overhang front and/or rear, empty deck space front and/or rear, and overall height. Application for an overweight permit must show axle loads and axle spacings measured center-to-center between each axle. Additional information may be required to complete the application.

(E) Special permit fees are payable prior to the issuance of the permit. If the permit becomes invalid for any reason, the original fee shall be nonrefundable and a new permit with fee will be necessary. Postal and telegraphic money orders, personal, company, certified and cashier's checks, credit cards and electronic funds shall be made payable to the "Director of Revenue, Credit State Road Fund." Cash is also accepted. The special permit fees are as follows:

1. Single trip overdimension permits including pre-issue—\$15;
2. Single trip overdimension permits in excess of sixteen feet (16') wide, sixteen feet (16') high or one hundred fifty feet (150') long—\$15 plus \$250 movement feasibility fee;

3. Multi-stop overdimension permit—\$25 (farm implements only);
4. Single trip overweight permits up to and including one hundred sixty thousand (160,000) pounds gross weight—\$15 plus \$20 per each ten thousand (10,000) pounds in excess of legal gross weight;
5. Single trip overweight permits in excess of one hundred sixty thousand (160,000) pounds gross weight—\$15 plus \$20 per each ten thousand (10,000) pounds in excess of legal gross weight plus bridge and roadway analysis fee of \$425 for each permit for moves from 0–50 miles in length; \$625 for 51–200 miles; \$925 for over 200 miles (see section (15));
6. Annual blanket emergency overweight permit (round trip)—\$624—(fee will be prorated quarterly);
7. Annual blanket overdimension permit—single commodity—\$128 (fee will be prorated quarterly);
8. Annual blanket overdimension permit—multiple commodity—\$400 (fee will be prorated quarterly);
9. Annual blanket overweight well drillers or concrete pump truck permit—\$300 (fee will be prorated quarterly);
10. Thirty-day blanket permit—\$30;
11. Project permit—\$125;
12. Highway crossing permit—\$250;
13. Noncommercial building movement (in excess of routine dimensions)—\$265; and
14. Permit amendment fee—\$2. Single trip permits may only be amended within two (2) days of permit issuance. Annual blanket permits may be amended throughout the year.

(F) Fees shall not be required for permits covering the movement of vehicles and loads owned and operated by governmental subdivisions or agencies.

(G) Permits may be applied for and picked up at the locations listed in subsection (4)(H) during regular business hours of 7:30 a.m. to 4:00 p.m. Monday through Friday except holidays listed in paragraph (1)(I)1. Telephone applications are accepted from 7:30 a.m. until 3:45 p.m. at (800) 877-8499 or (573) 751-7100 Monday through Friday except holidays listed in section (1). Internet ac-

cess is also available twenty-four (24) hours a day, seven (7) days a week.

(H) Office locations for Missouri Department of Transportation—

1. Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102, (800) 877-8499 or (573) 751-7100;
2. St. Joseph—District 1—3602 North Belt Highway, Box 287, St. Joseph, MO 64502, (816) 387-2350;
3. Macon—District 2—U.S. Route 63, PO Box 8, Macon, MO 63552, (660) 385-3176;
4. Hannibal—District 3—Highway 61 South, PO Box 1067, Hannibal, MO 63401, (573) 248-2490;
5. Lee's Summit—District 4—600 NE Colbern Road, Lee's Summit, MO 64086, (816) 622-6500;
6. Chesterfield—District 6—14301 S. Outer 40, Chesterfield, MO 63017-5712, (314) 340-4100;
7. Joplin—District 7—3901 East 32nd Street, PO Box 1445, Joplin, MO 64802, (417) 629-3300;
8. Springfield—District 8—3025 E. Kearney, PO Box 868, Springfield, MO 65801, (417) 895-7600;
9. Willow Springs—District 9—910 Springfield Road, PO Box 220, Willow Springs, MO 65793, (417) 469-3134; and
10. Sikeston—District 10—2675 North Main Street, PO Box 160, Sikeston, MO 63801, (573) 472-5333.

(I) All permits may be transmitted by facsimile machine, Internet or electronic mail from the Motor Carrier Services Division located in Jefferson City only. Division facsimile transmission costs and telephone costs are included in the permit fee (see subsection (4)(E)). The following requirements and procedures apply:

1. For facsimile receiving, the equipment must be fully automatic which may require a dedicated telephone line with unattended operation capabilities; and
2. Proper arrangement for payment of permit fee must be made either by use of escrow accounts, which must be in effect prior to permit application request (see section (6)), or by payment of the fee at the time of application. Permits can

only be amended by Motor Carrier Services Division's staff, as outlined under the circumstances in paragraph (4)(E)14.

(5) Pre-Issued Permits.

(A) Pre-issued permits may be requested for the purpose of transporting loads that are overdimension only with a maximum width of twelve feet four inches (12'4"). Travel under pre-issued permits must be completed in seven (7) days. To obtain pre-issued permits, contact the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102, for an application.

(B) The applicant's name and complete address will be pre-printed on each pre-issued form.

(C) To place a pre-issued permit form into effect, the applicant shall contact the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102, at the number listed on the form and provide the required information to complete the form. Upon approval, the applicant shall complete the form in a legible manner. Movement may then be made under provisions of the permit and all other applicable permit regulations. Changes or eraser marks void the permit.

(D) Upon completion of a move, the original pre-issued permit shall be mailed no later than eight (8) hours after the move to the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102. Should the permit not be used, it is to be mailed to the same office no later than eight (8) hours after its assigned expiration date.

(E) Violation of or abuse of the privilege for obtaining pre-issued permits may result in immediate termination of such privilege and require relinquishment of all unused blank permit forms. No refunds will be made for any permit voided by the termination of pre-issued permit privileges.

(F) Pre-issued permit forms are nontransferable, and cannot be reproduced. No refunds will be made for pre-issued forms voided, canceled, relinquished, stolen or lost. A pre-issued account may be closed by submitting a written request, and returning all unused pre-issued forms to the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box

893, Jefferson City, MO 65102. A refund for returned pre-issued forms will be processed.

(6) Escrow Accounts.

(A) An escrow account may be established with the Missouri Department of Transportation. The following conditions govern the establishment and maintenance of escrow accounts:

1. An escrow account may be applied for by submitting an application supplying all the necessary information. Applications may be obtained from the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102, or established on-line;
2. Upon approval of application, the applicant will be assigned an account number that must be given with each transaction. The account holder is responsible for all charges filed against the account;
3. Motor Carrier Services Division in Jefferson City shall provide quarterly statements showing charges, deposits and account balance;
4. The account holder may replenish his/her escrow account at any time via phone, Internet, mail or in person. A minimum deposit of one hundred dollars (\$100) is required to open an account; and
5. An escrow account will remain open as long as there is a positive balance. Upon written request, an account may be closed and the unused balance will be refunded.

(B) It shall be the responsibility of the account holder to maintain records of the balance remaining in the account. In the event there is a difference between the account holder's records and the department's records, a letter stating the difference shall be the basis for review and adjustment. The department's decision shall be final.

(C) The escrow account is nontransferable and shall be used for payment only. The account shall be reduced by the amount for each item issued or processed.

(7) Annual Blanket Permits. Blanket permits may be issued for moves up to and including twelve feet four inches (12'4") in width and one hundred fifty feet zero inches (150'0") in overall length. Height and weight shall be in accordance with Chapter 304 of the Missouri Revised Statutes. The fee schedule for blanket permits is outlined in subsection (4)(E). Separate permits are required for each power unit. To qualify for an annual blanket permit, insurance must be in force for the entire period (see section (2)) and vehicles must be properly licensed. Annual blanket permits are issued only by the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102. All annual permits will expire at 12:00 a.m. on January 1 of the following year. Violation of a blanket permit shall be cause for revocation of the current blanket permit and may result in loss of the privilege of obtaining future blanket permits. Blanket permit moves shall be made in accordance with all other regulations and requirements. The permittee is required to obtain current travel restrictions prior to movement with blanket permits.

(A) These permits authorize travel over the state highway system only. Movement from origin to destination must be by the most feasible direct route. All conditions, safety considerations, bridge loading and clearance postings shall be complied with. The permittee shall properly warn traffic, adjust speed, and if necessary, stop traffic when crossing bridges where the load exceeds one-half (1/2) the roadway width of the bridge. Travel over structures on which load limits are posted for lesser weights is not allowed. Permittees traveling on interstate highways shall maintain the posted minimum speed.

(B) Single Commodity.

1. Manufactured and sectional home units. Annual blanket permits are available for the movement of manufactured and sectional home units up to and including twelve feet four inches (12'4") in width and one hundred fifty feet (150') in overall length. Height and weight shall be legal.

2. Farm implements, farm products (hay), construction equipment. Annual blanket permits are available for these moves up to and including twelve feet four inches (12'4") in

width. All other dimensions and weight shall be legal. Farm implements or equipment not designed for towing at highway speeds must be hauled. If the equipment is designed to be towed, it shall meet all regulatory safety requirements. Farm products (hay) and equipment with dual tires will not be required to comply with the reducible load requirement for width.

3. One hundred (100)-mile radius blanket for farmers and farm implement dealers. Annual blanket permits are available to farm implement dealers and farmers for movement of farm implements up to and including fourteen feet six inches (14'6") in width. All other dimensions and weight shall be legal. This blanket is only valid for moves within a one hundred (100) mile radius of permittee's principal place of business. All other permit regulations, including but not limited to times of travel, signing and escorts) will apply. Farm implements not designed for towing at highway speeds must be hauled. If the equipment is designed to be towed, it shall meet all regulatory safety requirements.

4. Implements of husbandry and transporting vehicle. Annual blanket permits are available for movement up to and including twelve feet four inches (12'4") in width. All other dimensions and weight shall be legal. Implements of husbandry are machines designed specifically for the application of commercial plant-food materials or agricultural chemicals and off-road usage. Such units shall not operate under their own power on the interstate system.

5. Repeated moves of like objects. Annual blanket permits for the movement of specific nonreducible commodities may be issued to a maximum width of twelve feet four inches (12'4") and/or overall length up to a maximum of one hundred fifty feet (150'). Height and weight shall be legal. The following items may be considered: boats, portable buildings, wood trusses, steel trusses, plates, beams, angles, pipe or piling, reinforcing steel mesh, rods or bars, tanks, mobile office trailers, grain carts, cotton trailers, park trailers, precast concrete panels, aluminum plates, wood beams and concrete

girders. The permit will describe and specify the object to be hauled. A blanket permit may be issued for the repeated movement of objects for permanent use in their transported form. Such objects may vary in size as long as the largest is within the width and/or length limit specified on the permit. Multi-piece loads must be nonreducible and nondivisible in dimension.

(C) Multiple Commodity. Annual blanket permits are available to haul any commodity up to and including twelve feet four inches (12'4") wide and one hundred fifty feet (150') overall length. Height and weight shall be legal. **MULTIPIECE LOADS SHALL BE NONREDUCIBLE AND NONDIVISIBLE.**

(D) Blanket permits are also available for items that may be overdimension or overweight with varying operation areas and time periods. These blanket permits may be issued as explained in the following paragraphs:

1. Thirty (30)-day blanket. Blanket permits up to and including twelve feet four inches (12'4") wide and/or overall length up to and including one hundred fifty feet (150') covering specified travel over listed routes may be issued for a period not exceeding thirty (30) days to expedite construction or repair of public utilities or public works clearly in the public interest;
2. Well-drilling blanket. Blanket permits for well-drilling rigs may be issued to a maximum width of twelve feet four inches (12'4"), and/or overlength to a maximum of sixty feet (60') for single units and weights not to exceed twenty thousand (20,000) pounds or legal weight on a single axle, forty thousand (40,000) pounds on a tandem axle group or sixty thousand (60,000) pounds on a triple or quadrum axle group and a gross weight not to exceed the maximum allowable gross weight according to the number of axles and the specified axle spacings as shown on the weight table in subsection (11)(G). Equipment classified for use in well-drilling work is a single unit designed primarily to drill wells. The unit shall be reduced in dimension as much as practical. Drill bits and other necessary drilling tools may be carried with the drill rig

provided the permitted axle and gross vehicle weight are not exceeded. The permit authorizes travel over the state highway system only and the unit must be able to maintain the posted minimum speed on the interstate system. Travel over bridge structures on which a load limit is posted for lesser weights is not allowed;

3. Emergency response blanket. Annual blanket permits for the initial response and direct return from an emergency are available up to and including twelve feet four inches (12'4") in width, one hundred fifty feet (150') in length and maximum axle weights and gross weight as allowed in section (11). Height shall be legal. This permit authorizes travel over the state highway system only. Travel over bridge structures on which a load limit is posted for lesser weight is not allowed. The restriction prohibiting travel in tourist areas, during curfew hours, at night and on holidays or holiday weekend periods will be waived for the initial response to the emergency site. Clearance lights in lieu of flags and reflectorized oversize load signs are required for night travel. See section (12) for additional procedures for emergency travel;

4. Public utility. Blanket overlength permits not exceeding one hundred fifty feet (150') in length (width, height and weight must be legal) may be issued to a public utility company, a public agency or their contractor to transport poles or pipe for minor construction, reconstruction, replacements or emergency repairs. Such permits shall be issued for each power unit to travel from the nearest available pole or pipe storage yard. The restriction prohibiting travel in tourist areas, during curfew hours, at night and on holidays or holiday weekend periods is waived for emergency repairs. Clearance lights in lieu of flags and reflectorized oversize load signs are required for night travel (see subsection (12)(J));

5. Sludge disposal units. Blanket permits are available for travel on the state highway system other than the interstate and shall not exceed eleven feet six inches (11'6") in width. All other dimensions and weight shall be legal;

6. Concrete pump truck blanket. Blanket permits for con-

crete pump trucks may be issued to a maximum width of twelve feet four inches (12'4"), and/or overlength to a maximum of sixty feet (60') for single units and weights not to exceed twenty thousand (20,000) pounds or legal weight on a single axle, forty thousand (40,000) pounds on a tandem axle group or sixty thousand (60,000) pounds on a triple or quadrum axle group and a gross weight not to exceed the maximum allowable gross weight according to the number of axles and the specified axle spacings as shown on the weight table in subsection (11)(G). This permit authorizes travel over the state highway system only and the vehicle must be able to maintain the posted minimum speed on the interstate system. Travel over bridge structures on which a load limit is posted for lesser weights is not allowed.

7. Projects. Blanket permits are available for the movement and/or operation of overdimension and overweight road-building equipment within the limits of a specific highway project or combination of projects, for a period not to exceed the completion date of that project. The permittee shall coordinate movement and/or operation necessity and procedures with the project engineer and collectively submit a permit application containing all pertinent information to include any special or unusual circumstances with a recommendation to the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102; and

8. Longer combination vehicles (LCV) blanket permits. This permit may include combinations defined as Rocky Mountain Doubles (RMD), Turnpike Doubles (TPD), and triple-trailers currently allowed to operate on turnpikes in other states. Annual blanket permits are available for longer combination vehicles up to one hundred twenty feet (120') in overall length to travel to and from locations within twenty (20) miles of the western border of this state. All other dimensions and weight shall be legal. This permit authorizes travel over specified routes on the state highway system.

(8) Civilian Escorts and Flaggers. It is the responsibility of the permittee to see that escorts which accompany their moves, adhere to these regulations in addition to the regulations specifying when escorts and flaggers are required, as listed in sections (9), (13), (14), (15) and (16).

(A) An “escort” is defined as a vehicle with operator which accompanies oversize moves to serve as a warning to other traffic that extra caution is required. Operators of escort vehicles shall be properly licensed, obey all traffic laws and be at least eighteen (18) years of age.

(B) The escort vehicle must be a properly licensed single unit vehicle of standard size with unobstructed vision to the front and rear and in safe operating condition. The unit may be an automobile, pickup truck, utility vehicle, station wagon or equivalent.

(C) It is the responsibility of the permittee to ensure the escort’s minimum financial responsibility as required by law is in force at all times.

(D) Oversize load signs shall be displayed on the front and/or rear of the escort vehicle, whichever is applicable for the move. A sign mounted on the top of the vehicle with printing on both sides is acceptable. Signs are to be a minimum size of five feet (5’) long by one foot (1’) high with minimum eight inch (8”) high letters. The sign’s background shall be yellow with black lettering and visible for at least three hundred feet (300’). The legend shall read “OVERSIZE LOAD.”

(E) Escort vehicles are to be equipped with at least two (2) red or orange fluorescent warning flags mounted on a staff at the two (2) front extremities of the vehicle for a front escort and at the rear extremities for a rear escort. The escort vehicle for overheight loads (see paragraph (9)(H)3.) shall have a vertical clearance detection device and have continuous, uninterrupted, two-way communication with the power unit. Flags used for flagging and on permit vehicles shall be clean, red or orange fluorescent, in good condition, with no advertising or wording and be at least eighteen inches (18”) square.

(F) Flaggers are required as outlined in subsection (9)(J). Flaggers shall have proper training in directing traffic.

(9) Regulations for All Permits. The following regulations apply to all movements of overdimension and/or overweight loads except as stipulated in sections (7), (11), (12), (13), (14), (15) and (16):

(A) The permit must accompany the move until the move is completed;

(B) Travel is limited to one-half (1/2) hour before sunrise to one-half (1/2) hour after sunset, except as permitted in subsection (9)(E) of this rule and sections (7), (11), (12), (13), (14) and (15). No movement is allowed when road conditions are hazardous, such as snow and ice covered or when hazardous cross winds affect the movement or when weather conditions are such to limit the visibility to less than five hundred feet (500’);

(C) No movement is allowed during specified holiday periods listed in paragraph (1)(I)1.;

(D) No movement is allowed on Saturdays and Sundays in the Lake of the Ozarks and Branson areas as follows:

1. Lake of the Ozarks area—the following restrictions apply May 25 through Labor Day (first Monday in September):

A. Route 54—between the junctions with Route V in Miller County and Route Y in Camden County.

B. Route 5—between the junction with Route 54 and the City limits of Gravois Mills.

C. Route 42—between the junctions with Routes 54 and 134.

D. Business 54—between the east and west junctions with Route 54;

2. Branson area—the following restrictions apply May 1 through November 30:

A. Route 76—between the junctions with Routes 13 and 160.

B. Route 13—between the city limits of Branson West and the junction with Route 86 west; and

(E) For safety and to reduce traffic congestion, Monday through Friday travel in the metropolitan areas of St. Louis, St. Charles, Kansas City and Springfield is restricted as follows (The metropolitan area curfews indicated in subsection (9)(E) do not apply to loads that are overweight only):

1. All routes in St. Louis City and County, with the exception of Route 370, are restricted between the hours of 6:30 a.m. to 9:00 a.m. and 3:30 p.m. to 6:30 p.m.;

2. St. Charles County on I-70, eastbound travel between the junction with Route 61 and the Missouri River Bridge is restricted from 6:30 a.m. to 9:00 a.m. and I-70 westbound between the Missouri River Bridge and the junction with Route 61 is restricted from 3:30 p.m. to 6:30 p.m.; Route 40/61 (I-64) (both directions) between the Missouri River Bridge and I-70 and Route 94 (both directions) between Route 370 and Route 40/61 (I-64) are restricted from 6:30 a.m. to 9:00 a.m. and 3:30 p.m. to 6:30 p.m.;

3. Jefferson County on I-55 (both directions) between the St. Louis County line and Route 67; Route 21 and Route 30 (both directions) between St. Louis County line and Route BB; Route 141 (both directions) between the St. Louis County line and Route 61/67 is restricted between the hours of 6:30 a.m. to 9:00 a.m. and 3:30 p.m. to 6:30 p.m.;

4. In the Kansas City area on the routes or inside of the area bounded by Routes 150, 291, I-470, 152 West, to I-435 (Platte County) exit 24 south to the Kansas state line, travel is restricted between the hours of 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m.; and

5. Inside the city limits of Springfield, travel is restricted on all routes on the state highway system between the hours of 7:00 a.m. to 9:00 a.m. and 4:00 p.m. to 6:00 p.m., except:

A. I-44—Restricted between 4:00 p.m. and 6:00 p.m. only.

B. U.S. 60—Restricted between 4:00 p.m. and 6:00 p.m. only.

C. U.S. 65—Restricted between 7:00 a.m. and 9:00 a.m. and between 3:30 p.m. and 6:00 p.m. only.

(F) Movements of major equipment or other special loads for short distances with origin and destination within major urban areas may be permitted between the hours of 1:00 a.m. and 6:00 a.m. Monday through Friday, except for these time periods on and immediately following a holiday period and on Sunday from 1:00 a.m. to 12:00 noon, except where this time conflicts with a holiday

period. Such movements must be pre-planned and all protection must be provided for the safety of the public as follows:

1. Required signing must be lighted or reflectorized. Amber lights at the extreme ends or projection of the load or vehicle must be provided in lieu of flags.

(G) Maximum speed for all moves shall be ten (10) miles per hour less than the posted speed limit unless otherwise specified on the permit. Movements over routes where minimum speed limits are posted shall operate at least at the minimum speed posted;

(H) Escort requirements are as follows:

1. Overwidth. No escort is required for loads up to and including twelve feet four inches (12'4") in width. Escort requirements for loads exceeding twelve feet four inches (12'4") in width are in sections (13), (14), (15) and (16);
2. Overlength. A rear escort is required for movements when the vehicle and load exceed ninety feet (90') for a combination unit on all highways except divided highways and as required in sections (12), (15) and (16);
3. Overheight. A height detection vehicle is required to precede overheight loads exceeding fifteen feet six inches (15'6"). The height detection vehicle shall have a vertical clearance detection device and have direct, continuous, uninterrupted, two-way communication with the power unit; and
4. A separate escort shall be provided for each load and each dimension. Travel in convoy is not allowed. Additional and/or special escort requirements may be specified whenever the size, speed or operation of movement might require.

(I) Front escorts shall travel approximately three hundred feet (300') in front of the load and rear escorts approximately three hundred feet (300') to the rear of the load. In heavy traffic or when traveling within cities or towns, the escort vehicle should maintain a distance consistent with existing traffic conditions; and

(J) Flagging is required whenever the dimensions of overwidth loads are equal to or exceed the width of the traveled lane on two (2)-lane bridges or whenever the movement is of such width or length that it infringes on the adjacent lane of traffic. The operator of the escort vehicle may act as the flagger. On shorter bridges

it may not be necessary to actually stop traffic if sight distance is good, but on longer bridges or where sight distance is short, a flagger shall be used to direct traffic and be prepared to stop traffic if necessary. A flagger is also required if the permitted vehicle and load must stop due to a breakdown with all or part infringing on the traveled roadway. Additional traffic control may be required for large complex moves. All traffic control devices shall meet the requirements listed in the Manual on Uniform Traffic Control Devices (MUTCD) published by the Federal Highway Administration (FHWA).

(10) Regulations for Overdimension Permits. In addition to the regulations in sections (7), (9), (13), (14), (15) and (16); the following applies to all overdimension permits:

(A) Red or orange fluorescent flags in good condition with a minimum size of eighteen inches (18") square shall be displayed at the extreme ends or projections of all overwidth and overlength loads, and all four (4) corners of manufactured and sectional home units. Oversize load signs at least seven feet (7') long by eighteen inches (18") high with ten-inch (10") letters of one and five-eighths

(1 5/8") stroke shall be displayed front and rear for loads exceeding ten feet six inches (10'6") in width on all highways. When the overall length of a combination unit exceeds ninety feet (90') or the overall length of a single unit exceeds fifty feet (50'), an oversize load sign is required on the rear of the load. The sign's background shall be yellow with black lettering. The legend for these signs shall read "OVERSIZE LOAD."

(B) The following Missouri and Mississippi River bridges may be used for the movement of loads in excess of ten feet six inches (10'6") in width. If the load exceeds one-half (1/2) the width of the roadway on the two (2)-lane bridges, a flagger shall be used to stop all oncoming traffic at the far end of the structure before the vehicle and load can proceed across. No movement will be allowed where flagging is necessary between the hours of 6:30 to 9:00 a.m. and 3:00 to 6:00 p.m.

Missouri River Bridges

Location	Route	Roadway Width
Brownville, NE	U.S. 136	22'6"
Rulo, NE	U.S. 159	20'0"
St. Joseph	U.S. 36	Dual Bridges
Atchison, KS	U.S. 59	24'0"
Leavenworth, KS	MO 92	26'0"
Waverly	U.S. 24/U.S. 65	44'0"
Miami	MO 41	23'0"
Boonville	MO 5/U.S. 40	40'0"
Glasgow	MO 240	20'3"

Rocheport	I-70	Dual Lanes
Jefferson City	U.S. 63/U.S. 54	Dual Bridges
Washington	MO 47	22'0"
Lexington	MO 13	Dual Lanes

Kansas City Area

Platte County (KCI)	I-435	Dual Bridges
Riverside	I-635	Dual Lanes
Fairfax	U.S. 69	Dual Bridges
Broadway	U.S. 169	Dual Lanes
Heart of America	MO 9	Dual Lanes
Paseo	I-29/I-35	Dual Lanes
Randolph	I-435	Dual Lanes
Liberty (Courtney)	MO 291	Dual Bridges

St. Louis Area

Weldon Springs	40/61 (I-64)	Dual Bridges
Blanchette	I-70	Dual Bridges
St. Charles (Discovery Br)	MO 370	Dual Bridges
St. Charles (West Alton)	U.S. 67	Dual Bridges
Page Avenue	MO 364	Dual Bridges

Mississippi River Bridges

Location	Route	Roadway Width
Hannibal	I-72/U.S. 36	Dual Lanes
Louisiana	U.S. 54	20'0"
Quincy, IL	U.S. 24	Dual Bridges
Alton, IL	U.S. 67	Dual Lanes
Louisiana	U.S. 54	20'0"
St. Louis City (Chain of Rocks)	I-270	Dual Lanes
St. Louis (Jefferson Barracks)	I-255	Dual Bridges
Chester, IL	MO 51	22'0"
Cape Girardeau	MO 74	Dual Lanes

Cairo, IL	I-57	Dual Lanes
Caruthersville	I-155	Dual Lanes

No permit movement on the following Mississippi River Bridges:

Location	Route
St. Louis City (Poplar Street)	I-70/I-55/I-64
St. Louis City (MLK)	MO 799
Cairo, IL	U.S. 60/U.S. 62

No permit movement exceeding 10'6" in width on the following Missouri River Bridge:

Location	Route
Hermann	MO 19

(C) Overlength permits shall be limited to a nonreducible vehicle and load with an overall length for a single unit not exceeding sixty feet (60') and for combination units not exceeding one hundred fifty feet (150'). Steering mechanisms may be required on rear axles of combination units.

(D) Overheight permits for all movements will be limited to a nonreducible combination of vehicle and load height not exceeding the vertical clearance of the structures on the most feasible direct route between origin and destination. Arrangements for the raising or removal of overhead lines will be the responsibility of the permittee. It is also the responsibility of the permittee to check all structures and overhead wires for clearances before movement.

(E) The movement of noncommercial buildings exceeding routine special permit dimension limitations will be determined on an individual basis dependent on building size, roadway and structure width and clearances, traffic volumes and other applicable factors. Permits for movement of such buildings shall be issued by the district offices (see section (16)).

(F) Movement of farm products (hay) up to, but not exceeding, fourteen feet (14') in width will be allowed by permit. These movements must comply with all existing Missouri overdimension and overweight permit regulations except reference to reducible loads in subsection (1)(B) shall not apply. The hauling unit must be

properly insured and licensed.

(G) Night movement for hauling hay up to fourteen feet (14') in width will be allowed by single trip permit. This movement will require a front and a rear escort on all two (2)-lane and multi-lane undivided highways. A rear escort is required on interstate and other dual lane divided highways. Oversize load signs are required and shall be lighted or reflectorized. Clearance lights in lieu of flags shall be mounted at extreme ends or load projections when moving after daylight hours and/or when visibility is less than five hundred feet (500'). Continuous, uninterrupted two-way communication is required between the power unit and all escort vehicles. Movement is restricted for urban and tourist areas as outlined in subsections (9)(D) and (9)(E). Movement is restricted for holiday periods as outlined in subsection (1)(I).

(11) Regulations for Routine Overweight Permits. The following regulations apply to permit moves to transport nonreducible and nondivisible loads. See section (15) for super heavy and large load movement:

(A) Overweight permits may specify maximum and minimum speeds and method of vehicle operation to reduce hazards or control impact factors and load distribution on pavements and bridges. Overweight loads not overdimensional and not exceeding the gross weight limit as listed in subsection (11)(D) will be granted day and night movement except travel during holiday and holiday weekend periods as listed in subsection (1)(I) and except for movement in tourist areas listed in subsection (9)(D). All movements authorized under overweight permits will be over specified routes on the state highway system only;

(B) Axles included in booster axle, tandem axle, triple axle or quadrum axle groups on all hauling units shall be equipped with dual wheels or equivalent tread width. When configuring trailers for hauling units with seven (7) or more axles, conventional axles or booster axles may be used for the addition of the single axle or tandem axle groups that may be placed at the end of the trailer.

Definitions—

1. The term “axle” shall mean a common axis of rotation of one or more wheels whether power-driven or freely rotating, and regardless of the number of wheels carried thereon;
2. The term “axle group” shall mean an assembly of two (2) or more consecutive axles considered together in determining their combined load effect on pavement or structures. Axle groups must have a common equalization system which will equalize the load between or among axles in both static and dynamic conditions. Any combination of mechanically equalized axles with either air suspension or any other suspension system used to form axle groups is not allowed;
3. The term “spread axles” shall mean two (2) axles which are more than ninety-six inches (96”) apart and are considered single axles;
4. The term “tandem axle” shall mean a group of two (2) or more axles arranged one behind another, where the distance

between the extreme centers is more than forty inches (40”) and not more than ninety-six inches (96”) apart;

5. The term “triple axle or tridem” shall mean a group of three (3) axles which are fully equalized automatically or mechanically and the distance between the centers of the extreme is more than ninety-six inches (96”) and not more than one hundred forty-four inches (144”);

6. The term “quadrum axle” shall mean a group of four (4) axles which are fully equalized automatically or mechanically, the distance between each of the four (4) axles is evenly spaced and the distance between the centers of the extreme is not more than one hundred ninety-two inches (192”);

7. The term “lift axle” shall mean any axle designed with the capabilities of manipulation or adjustment of the weight on it or the axle group by use of manual valve(s). Under no circumstances will “lift axles” be recognized in weight computations. An additional axle may be added to an existing axle group provided—

A. All axles have a common equalization system;

B. All equalization is accomplished with automatic valves; and

C. Axle lifting mechanism is located outside the cab, not readily accessible to driver; and

8. The term “booster axle” shall mean an extension of a hauling unit which when attached to the trailer adds a single axle, or tandem axle group. To be acceptable, a booster axle must connect to the vehicle frame in such a manner as to equalize the load between axles;

(C) The allowable combination configurations for overweight special permits are as follows:

5-Axle Configurations

Single-Tandem-Tandem (1-2-2)

Single-Tandem-Spread (1-2-2)

Minimum distance between the centers of the first and last axles is fifty-one feet (51’).

Maximum gross weight allowed on a 5-axle configuration is

ninety-two thousand (92,000) pounds.

6-Axle Configurations

Single-Tandem-Triple (1-2-3)

Single-Triple-Tandem (1-3-2)

Minimum distance between the centers of the first and last axle is forty-three feet (43’).

Maximum gross weight allowed on a 6-axle configuration is one hundred twelve thousand pounds (112,000).

7-Axle Configurations

Single-Triple-Triple (1-3-3) (Routine Configuration)

Single-Tandem-Quad (1-2-4) (Alternative Configuration)

Single-Tandem-Triple-Single (1-2-3-1)

Single-Triple-Tandem-Single (1-3-2-1)

Single-Tandem-Tandem-Tandem (1-2-2-2)

Minimum distance between the centers of the first and last axles is fifty-five feet (55’) for the routine configuration, seventy-five feet (75’) for the alternative configuration, and sixty-nine feet (69’) for all other configurations.

The following axle group spacing limitation will apply to all of the configurations as shown above, but will not apply to the steering axle. A minimum distance of fourteen feet (14’) shall be required between centers of adjacent axles on consecutive tandem, triple and quad axle groupings and on single axles used in combination with these groupings.

Maximum gross weight allowed on a 7-axle configuration is one hundred twelve thousand (112,000) pounds for the alternative configuration and one hundred thirty-two thousand (132,000) pounds for all other configurations.

8-Axle Configurations

Single-Triple-Quad (1-3-4) (Routine Configuration)

Single-Tandem-Tandem-Triple (1-2-2-3)

Single-Triple-Triple-Single (1-3-3-1)

Single-Triple-Tandem-Tandem (1-3-2-2)

Single-Tandem-Triple-Tandem (1-2-3-2)

Minimum distance between the centers of the first and last axle is sixty-one feet (61') for the routine configuration and seventy-five feet (75') for all other configurations.

The following axle group spacing limitation will apply to all of the configurations as shown above, but will not apply to the steering axle. A minimum distance of fourteen feet (14') shall be required between centers of adjacent axles on consecutive tandem, triple and quad axle groupings and on single axles used in combination with these groupings.

Maximum gross weight allowed on an 8-axle configuration is one hundred thirty-two thousand (132,000) pounds for the routine configuration and one hundred fifty-two thousand (152,000) pounds for all other configurations.

9-Axle Configurations

Single-Triple-Tandem-Triple (1-3-2-3) (Routine Configuration)

Single-Quad-Quad (1-4-4) (Alternative Configuration)

Single-Tandem-Triple-Triple (1-2-3-3)

Single-Triple-Quad-Single (1-3-4-1)

Single-Triple-Triple-Tandem (1-3-3-2)

Single-Tandem-Tandem-Tandem-Tandem (1-2-2-2-2)

Minimum distance between the centers of the first and last axle is seventy-five feet (75') for all configurations. The following axle group spacing limitation will apply to all of the configurations as shown above except for the alternative configuration, but will not apply to the steering axle. A minimum of fourteen feet (14') shall be required between centers of adjacent axles on consecutive tandem, triple and quad axle groupings and on single axles used in combination with these groupings. When the alternative configuration is used, a minimum distance of thirty feet (30') shall be required between centers of adjacent axles on the consecutive quad axle groupings.

Maximum gross weight allowed on a 9-axle configuration is one hundred thirty-two thousand (132,000) pounds for the alternative configuration and one hundred sixty thousand (160,000) pounds for all other configurations.

10-Axle Configurations

Single-Triple-Triple-Triple (1-3-3-3) (Routine Configuration)

Single-Tandem-Tandem-Tandem-Triple (1-2-2-2-3)

Single-Triple-Tandem-Tandem-Tandem (1-3-2-2-2)

Single-Tandem-Triple-Tandem-Tandem (1-2-3-2-2)

Single-Tandem-Tandem-Triple-Tandem (1-2-2-3-2)

The minimum distance between the centers of the first and last axle is eighty-five feet (85') for all configurations.

The following axle group spacing limitation will apply to all of the configurations as shown above except for the routine configuration, but will not apply to the steering axle.

A minimum of fourteen feet (14') shall be required between centers of adjacent axles on consecutive tandem and triple axle groupings. When the routine configuration is used, a minimum distance of twenty feet (20') shall be required between centers of adjacent axles on the consecutive triple axle groupings.

When possible, the distribution of the loading to the various axle groupings should be done in a manner to equalize the loadings to all of the axles on the entire configuration. When full equalization between the axles on the configuration is not possible, the gross weight variation between the individual axles (excluding the steering axle) on the entire configuration shall not be more than twenty-five percent (25%).

The maximum gross weight allowed on a 10-axle configuration is one hundred sixty thousand (160,000) pounds.

11-Axle Configurations

Single-Tandem-Tandem-Triple-Triple (1-2-2-3-3)

Single-Tandem-Triple-Tandem-Triple (1-2-3-2-3)

Single-Triple-Tandem-Tandem-Triple (1-3-2-2-3)

Single-Triple-Triple-Tandem-Tandem (1-3-3-2-2)

Single-Triple-Tandem-Triple-Tandem (1-3-2-3-2)

Single-Tandem-Triple-Triple-Tandem (1-2-3-3-2)

The minimum distance between the centers of the first and last axle is eighty-five feet (85') for all configurations.

The following axle group spacing limitation will apply to all of the configurations as shown above, but will not apply to the steering

axle. A minimum distance of fourteen feet (14') shall be required between centers of adjacent axles on consecutive tandem and triple axle groupings.

When possible, the distribution of the loading to the various axle groupings should be done in a manner to equalize the loadings to all of the axles on the entire configuration.

When full equalization between the axles on the configuration is not possible, the gross weight variation between the individual axles (excluding the steering axle) on the entire configuration shall not be more than twenty-five percent (25%).

The maximum gross weight allowed on an 11-axle configuration is one hundred sixty thousand (160,000) pounds.

12-Axle Configurations

Single-Tandem-Triple-Triple-Triple (1-2-3-3-3)

Single-Triple-Tandem-Triple-Triple (1-3-2-3-3)

Single-Triple-Triple-Tandem-Triple (1-3-3-2-3)

Single-Triple-Triple-Triple-Tandem (1-3-3-3-2)

The minimum distance between the centers of the first and last axle is eighty-five feet (85') for all configurations.

The following axle group spacing limitation will apply to all of the configurations as shown above, but will not apply to the steering axle. A minimum distance of fourteen feet (14') shall be required between centers of adjacent axles on consecutive tandem and triple axle groupings.

When possible, the distribution of the loading to the various axle groupings should be done in a manner to equalize the loadings to all of the axles on the configuration.

When full equalization between the axles on the configuration is not possible, the gross weight variation between the individual axles (excluding the steering axle) on the entire configuration shall not be more than twenty-five percent (25%).

The maximum gross weight allowed on a 12-axle configuration is one hundred sixty thousand (160,000) pounds.

(D) The maximum allowable axle weights for permits are as follows:

1. Single axle—twenty thousand (20,000) pounds;

2. Tandem axle group—forty thousand (40,000) pounds, but not more than twenty-one thousand (21,000) pounds for any one (1) axle of a multi-axle group;
3. Triple axle group—sixty thousand (60,000) pounds, but not more than twenty-one thousand (21,000) pounds for any one (1) axle of a multi-axle group;
4. Quadrum axle group—sixty thousand (60,000) pounds, but not more than sixteen thousand (16,000) pounds for any one (1) axle of a quadrum axle group; and

(E) Prior to issuing an overweight permit, the equalization system of the axle groups on the power unit and the trailer must be accepted by the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102. Detailed schematic drawings may be requested. It shall be the responsibility of the applicant to contact the Motor Carrier Services Division for approval or disapproval;

(F) When it is necessary to move specialized equipment, such as mobile cranes, rock crushers, drilling equipment or other equipment which cannot be reasonably reduced in weight to comply with legal weights, consideration shall be given for a special permit for these moves. The applicant must first give assurance that the unit has been reasonably reduced in weight and dimension (exclusive of attachments that are an intricate part necessary for the operation of the machine and/or machine adjustments necessary for weight distribution). After the weight has been reduced to a reasonable minimum, a special permit may be issued for weights not to exceed twenty thousand (20,000) pounds or legal weight on a single axle, forty thousand (40,000) pounds on a tandem axle, sixty thousand (60,000) pounds on a triple axle group or sixty thousand (60,000) pounds on a quadrum axle group. Axle and axle groups are defined in subsection (11)(C); and

(G) The maximum allowable gross weight in pounds shall be determined by the number of axles and the distance between the external axles as indicated in the following chart:

See specialized equipment chart, p. 38-41

(12) Procedures for Emergency Movements.

(A) Railroad derailments and other civil disasters may create the necessity for an emergency movement by overdimension/overweight vehicles.

(B) Emergency movements into or within the state may be allowed day or night, seven (7) days a week by verbal approval from either the motor carrier compliance supervisor or other designated motor carrier services representative.

(C) An official permit covering each emergency movement must be obtained on the first working day immediately following the move.

(D) Verbal authority for an emergency movement may be granted only after confirmation that an emergency exists by an authorized representative of the permittee who shall be required to furnish information on conditions at the location of the emergency and the name of the company to perform the emergency service.

(E) The Missouri Department of Transportation representative granting authority for an emergency movement will advise the Missouri State Highway Patrol that the move is authorized and furnish information on the vehicle involved, such as make and license of hauling units, axle weights, load dimensions, location, routes of travel, and the estimated time of the movement. The restriction prohibiting travel in tourist areas, during curfew hours, at night and on holidays or holiday weekend periods will be waived for the initial response to the emergency site.

(F) Permits for return trips will be issued during regular working hours only and each unit must comply with the permit regulations' limitations for weight and dimensions.

(G) Emergency movements are not exempt and will not be waived of the requirement to stop at weigh stations.

(H) Violations are not in the interest of public safety and any misrepresentation in the application, verbal request for a permit, or violation of the terms of the verbal authority for movement may result in denial of future authorizations being granted for an emergency move.

(I) Escort vehicles shall travel approximately three hundred feet (300') in front on two (2)-lane pavement or approximately

Gross Weight Table
Specialized Equipment 2, 3, 4, 5, 6 Axles

Feet	2 Axle		3 Axle		4 Axle		5 Axle		6 Axle	
	Legal Wt.	Permit Max.	Legal Wt.	Permit Max.	Legal Wt.	Permit Max.	Legal Wt.	Permit Max.	Legal Wt.	Permit Max.
4	34,000	40,000								
8	34,000	40,000	34,000	42,500						
9	39,000	40,000	42,500	53,125						
10	40,000	40,000	43,500	54,375						
11			44,000	55,000						
12			45,000	56,250	50,000	62,500				
13			45,500	56,875	50,500	63,125				
14			46,500	58,125	51,500	64,375				
15			47,000	58,750	52,000	65,000				
16			48,000	60,000	52,500	65,625	58,000	72,500		
17			48,500		53,500	66,875	58,500	73,125		
18			49,500		54,000	67,500	59,000	73,750		
19			50,000		54,500	68,125	60,000	75,000		
20			51,000		55,500	69,375	60,500	75,625	66,000	85,260
21			51,500		56,000	70,000	61,000	76,250	66,500	86,840
22			52,500		56,500	70,625	61,500	76,875	67,000	88,420
23			53,000		57,500	71,875	62,500	78,125	68,000	90,000
24			54,000		58,000	72,500	63,000	78,750	68,500	91,500
25			54,500		58,500	73,125	63,500	79,375	69,000	93,160
26			55,500		59,500	74,375	64,000	80,000	69,500	94,740
27			56,000		60,000	75,000	65,000	81,250	70,000	96,320
28			57,000		60,500	75,625	65,500	81,875	71,000	97,900
29			57,500		61,500	76,875	66,000	82,500	71,500	99,480

Gross Weight Table
Specialized Equipment with 7, 8, 9 Axles

Feet	Legal Wt. 7 Axle		Permit Max. 7 Axle		Legal Wt. 8 Axle		Permit Max. 8 Axle		Legal Wt. 9 Axle		Permit Max. 9 Axle	
	24	74,000	92,800									
25	74,500	94,400										
26	75,000	96,000										
27	75,500	97,600										
28	76,500	99,200										
29	77,000	100,800										
30	77,500	102,400										
31	78,000	104,000										
32	78,500	105,000										
33	79,000	107,200										
34	80,000	108,800						108,800				
35		110,400						110,400				
36		112,000						112,000				
37		113,600						113,600				
38		115,200						115,200				
39		116,800						116,800				
40		118,400						118,400				
41		120,000						120,000				
42		121,600						121,600				123,200
43		123,200						123,200				124,800
44		124,800						124,800				126,400
45		126,400						126,400				128,000
46		128,000						128,000				

47	129,600	129,600	129,600
48	131,200	131,200	131,200
49	132,800	132,800	132,800
50	134,400	134,400	134,400
51	135,520	136,000	136,000
52	136,640	137,600	137,600
53	137,760	139,200	139,200
54	138,880	140,800	140,800
55	140,000	142,400	142,400
56		144,000	144,000
57		144,800	144,800
58		145,600	145,600
59		146,400	146,400
60		147,200	147,200
61		148,000	148,000
62		148,800	148,800
63		149,600	149,600
64		150,000	150,000
65		151,200	151,200
66		152,000	152,000

If the specialized equipment exceeds the:

1. Allowable weight on an axle or axle group;
 2. Gross weight for the number of axles; or
 3. Does not meet the required axle spacings for the number of axles;
- the permit request will be considered according to the rules of section (15).

three hundred feet (300') in rear on dual lane or multi-lane undivided pavement. Escort vehicles shall use clearance lights in lieu of flags and reflectorized oversize load signs when visibility is less than five hundred feet (500'). Escort vehicles will not be allowed to convoy movements.

(J) In addition to the special provisions contained herein, the permittee shall use clearance lights in lieu of flags at the extreme edges of an overwidth load and reflectorized oversize load signs mounted on the front and rear of the vehicle and load when visibility is less than five hundred feet (500') and shall observe all other Missouri overdimension and overweight permit regulations.

(K) The permittee shall be responsible for any damage to the roadway surface, shoulders, bridge structures or other highway facilities resulting from operations authorized pursuant to this section.

(L) Blanket permits for emergency movements, if authorized, in lieu of verbal procedure, require special procedures in addition to those previously mentioned (see section (7)).

1. Such blanket permits will be valid only for the initial response to an emergency and the return trip from that emergency. Movement for purposes other than to or from an emergency response will require a single trip permit be obtained during regular working hours and must comply with the permit regulations' limitations for weight and dimensions.

(13) Regulations for the movement of loads over twelve feet four inches (12'4") to fourteen feet (14') wide. The following requirements in addition to the requirements of overdimension and overweight permit regulations for movement of loads up to twelve feet four inches (12'4") in width shall apply to all loads over twelve feet four inches (12'4") to fourteen feet (14') in over-all width.

(A) Restrictions and Requirements. Bridge crossings may require stopping traffic on two (2)-lane highways where bridge width is less than twenty-eight feet (28'); a distance of at least one thousand feet (1,000') between overdimension vehicles is required; escorts may act as flaggers.

1. Travel on interstate and other divided highways allowed from one-half (1/2) hour before sunrise to one-half (1/2) hour after sunset except where restricted in tourist and urban areas (see subsections (9)(D) and (9)(E)) and as prohibited by holiday restrictions in subsection (1)(I).

2. No movement from 6:30 a.m. to 9:00 a.m. and 3:30 p.m. to 6:00 p.m. on all other routes on the state highway system and no movement allowed on Saturday and Sunday in tourist areas (see subsection (9)(D)).

(B) Escort Requirements. One (1) escort is required for each overdimension unit on the interstate and designated route system. This escort shall be in the rear on dual-lane, divided, or multi-lane pavement and in the front on two (2)-lane pavement. Travel on routes off interstate and designated route system will require two (2) escorts (one (1) front and one (1) rear). Continuous, uninterrupted two-way communication is required between the power unit and all escort vehicles.

(C) All permits will be one (1)-way single trip.

(14) Regulations for the movement of loads over fourteen feet (14') to sixteen feet (16') overall width. The following requirements, in addition to the requirements of overdimension and overweight permit regulations for movement of loads up to twelve feet four inches (12' 4") in width, shall apply to the movement of allowed loads. Farm products (hay) shall not exceed fourteen feet (14') in width.

(A) Routes over which these loads will be considered are highways with pavement at least twenty-four feet (24') wide with at least four foot (4') shoulders and travel on routes of lesser width shall be for the shortest practical distance to complete the move, unless traffic volume, roadway alignment and/or other circumstances justify alternate routing.

1. Travel on interstate and other divided highways allowed from one-half (1/2) hour before sunrise to one-half (1/2) hour after sunset, except where restricted in tourist and urban areas (see subsections (9)(D) and (E)); and movement is limited to Monday through Friday except as prohibited by holiday restrictions (see subsection (1)(I)).

2. Movement is further restricted from 6:30 a.m. to 9:00 a.m. and 3:30 p.m. to 6:00 p.m. on all other routes on the state highway system.

(B) Escort Requirements. One (1) escort is required in the rear on interstate and other divided highways. Two (2) escorts are required on all multi-lane undivided and two (2)-lane highways, one (1) front and one (1) rear. Continuous, uninterrupted two-way communication is required between the power unit and all escort vehicles.

(C) Additional Restrictions and Requirements.

1. No movement on two (2)-lane highways when dirt shoulders are wet.

2. Bridge crossing may require stopping traffic on two (2)-lane highways where bridge width is less than thirty-two feet (32'). A distance of at least one thousand feet (1,000') between overdimension vehicles is required; escorts may act as flaggers.

(D) All permits will be one (1)-way single trip.

(15) Super Heavy and Large Load Movement. Loads in excess of routine permit limits will be considered according to the following regulations when air, rail or water terminal points are not available:

(A) All permit applications with dimensions or weights exceeding the routine limits of the preceding overdimension and overweight permit rule (generally in excess of sixteen feet (16') wide, sixteen feet (16') high, one hundred fifty feet (150') long and/or over one hundred sixty thousand (160,000) pounds gross weight) shall be submitted in writing to the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102. Proof of insurance and valid vehicle registration may also be required. An application for this type of move is available on request or online. The applicant should allow at least two (2) weeks for a route evaluation. If any problems exist that may prevent the move from reaching its destination over the state highway system, the application will not be approved.

(B) The applicant may be required to provide a traffic control plan, sketches or additional information for complex moves. One (1) lane for oncoming traffic must be open and clear for two (2)-lane highways and one (1) lane for both oncoming and following traffic must be open on four (4)-lane highways. If open lanes cannot be provided, a detour may be proposed.

(C) If the loaded height exceeds seventeen feet five inches (17'5"), the applicant shall provide a written document from the appropriate utility company indicating approval to disturb aerial lines across the route.

(D) If it is necessary to adjust, modify or remove state owned property such as signal and sign mast arms, flashers, signs, etc., a qualified contractor approved by the Missouri Department of Transportation shall be hired by the applicant to perform the necessary adjustment or removal and replacement.

(E) Restrictions and Requirements.

1. Travel on interstate and other divided highways allowed from one-half (1/2) hour before sunrise to one-half (1/2) hour after sunset except where restricted in tourist and urban areas

(see subsections (9)(D) and (9)(E)) and as prohibited by holiday restrictions in subsection (1)(I).

2. No movement from 6:30 a.m. to 9:00 a.m. and 3:30 p.m. to 6:00 p.m. on all other routes on the state highway system.

3. Travel is allowed on Saturday and Sunday for moves fourteen feet (14') wide and less if the load is not required to cross bridge structures at crawl speed and/or the load does not require Missouri State Highway Patrol escorts, except no movement is allowed on Saturday and Sunday in tourist areas (see subsection (9)(D)).

4. Unless otherwise stated on the permit, dates and times of travel will be determined by the Missouri State Highway Patrol if the load requires their escort services.

(F) Escort Requirements. If Missouri State Highway Patrol escorts are required for a continuous portion of the move but not the entire move, they are only required for that portion. If the patrol escort is required for an intermittent portion of the move, they will be required to escort the entire move. In addition to escort requirements as outlined in subsection (9)(I), the following requirements apply to super heavy and large load movements:

1. One (1) front and one (1) rear civilian escort is required for all superloads, except;

2. If a load is required to cross bridge structures at crawl speed in the Kansas City and St. Louis areas then, one (1) front and two (2) rear civilian escorts are required for that portion of the move;

3. One (1) front and two (2) rear civilian escorts are required on all sections of dual lane highways traversed if load exceeds sixteen feet (16') wide. In addition to the civilian escorts required above;

4. Missouri State Highway Patrol escorts are required when load exceeds:

A. Sixteen feet (16') wide on any highway other than interstate;

B. Eighteen feet (18') wide on interstate;

C. One hundred fifty feet (150') overall length.

(G) All future permitting authority for a carrier may be re-

voked if the Missouri State Highway Patrol is not reimbursed for superload escorting services.

(H) Generally the maximum weight allowed on any single axle will be twenty-two thousand four hundred (22,400) pounds for all moves classified under this section. All axles on the hauling unit must be load carrying with a maximum degree of equalization. The Missouri Department of Transportation shall determine whether or not the hauling unit, number of axles and axle arrangements are acceptable. In all cases the maximum axle loads, gross weight and overall dimensions allowed will be determined by the Missouri Department of Transportation according to section 304.200 of the Missouri Revised Statutes and/or the load carrying capacity of the roadway and structures on the proposed route.

(I) Before and after studies will be conducted of the highways and bridges traversed by the movement and any resulting damages shall be repaired at the expense of the permittee as directed by the Missouri Department of Transportation.

(J) For the purpose of moves under section (15), the applicant must have insurance in the amount of two (2) million dollars combined single limit automobile liability before a permit can be issued. The applicant shall provide evidence of such insurance satisfactory to the Motor Carrier Services Division before a permit will be issued; and

(K) Approved applications will require full payment to the “Director of Revenue, Credit State Road Fund,” by check or other suitable means of payment. The draft shall include payment of the permit fee and all evaluation fees. Roadway structures on the proposed route will be analyzed by the Missouri Department of Transportation to determine whether the move can be safely made. (See paragraph (4)(E)5. for fee schedule.)

(16) Noncommercial Building (House) Movement.

(A) Permits are available for the movement of noncommercial buildings that exceed the established overdimension and overweight permit limits listed in these regulations. These permits are available from district offices listed in subsection (4)(H). These rules and regulations are not intended for the movement of commercial buildings or repeated movements of similar buildings.

1. Movement of a building that will not allow one-way traffic to pass the load will be limited to no more than one (1) mile in length on the state highway system if the traffic volume on the proposed route exceeds five hundred (500) vehicles per day. If the traffic volume is less than five hundred (500) vehicles per day, movement will be considered up to a distance of three (3) miles on the state highway system.

2. Movement of a building greater than sixteen feet (16') in overall width that will allow one-way traffic to pass the load will be limited to no more than two (2) miles on the state highway system if the traffic volume on the proposed route exceeds two thousand (2,000) vehicles per day. If the traffic volume is less than two thousand (2,000) vehicles per day, movement will be considered up to a distance of ten (10) miles on the state highway system.

3. The traveled distances listed in the above two (2) paragraphs reflect the total miles of the move on the state highway system rather than miles allowed to move per attempt. Short segments of the state highway system may be used in a move provided the total mileage allowed on the state highway system is not exceeded. The district engineer or his/her representative may consider a longer travel distance if the entire move can be made during periods of lower traffic volumes listed in the above two (2) paragraphs of this section. Additional restrictions regarding travel during adverse weather conditions are at the discretion of the Missouri Department of Transportation district engineer or his/her representative.

(B) The allowable overall height, width, length and time of travel shall be based on physical features and traffic volumes along

the route. Bridges posted with a maximum weight limit of less than forty (40) tons should be avoided and will be analyzed for the type vehicle and load prior to receiving approval to cross that bridge. All axles on the hauling unit shall be load carrying with a maximum degree of equalization. The district engineer or his/her representative shall determine whether or not the hauling unit, number of axles and axle arrangements are acceptable. When it is determined a bridge analysis is required, an additional fee shall be charged to recover bridge analysis costs. See subsection (4)(E). Loads in excess of sixteen feet (16') in width may require a sketch displaying the side and rear view of the load with dimensions including any overhang.

(C) If the load is over seventeen feet five inches (17'5") high the applicant shall check all overhead clearance restrictions and provide written documentation from any involved utility company indicating approval to disturb aerial lines across the route. The applicant must also submit written acknowledgement from all cities/counties in which the move occurs. If it is necessary to adjust, modify, or remove state owned property such as signal and sign mast arms, flashers, signs, etc., a qualified contractor approved by the Missouri Department of Transportation shall be hired by the applicant to perform the necessary adjustment or removal and replacement. See section 324.721 of the Missouri Revised Statutes for additional information.

(D) For the purpose of moves under section (16), the applicant must have a current house mover license, applicable operating authority and must have insurance in the amount of two (2) million dollars combined single limit automobile liability before a permit can be issued. The applicant shall provide evidence of such license and insurance satisfactory to the Missouri Department of Transportation and the insurance shall include the following under Description of Operation: "STRUCTURAL MOVING OPERATIONS OF THE NAMED INSURED INCLUDED IN THIS COVERAGE."

(E) Escort Requirements. Applicants should refer to sections 324.700 through 324.745 of the Missouri Revised Statutes for additional information pertaining to house moves. In addition to escort requirements as outlined in paragraph (9)(H)4. and subsec-

tion (9)(I), the following requirements apply to all house moves:

1. One (1) front and one (1) rear civilian escort is required for all house moves, except;
2. One (1) front and two (2) rear civilian escorts are required in Kansas City and St. Louis areas when load is required to cross bridge structures at crawl speed;
3. One (1) front and two (2) rear civilian escorts required on all sections of dual lane highways traversed if load exceeds sixteen feet (16') wide;
4. Law enforcement escorts may be required at the district engineer or his/her representative's discretion.

(17) Multi-State Permits.

(A) The Missouri Department of Transportation is authorized to participate in the Multi-State Permit Program. This program provides a single, routine, uniform mechanism for processing single-trip permits for oversize and overweight vehicle combinations at the option of the department. Such a permit allows a motor carrier to travel through several states with one (1) point of contact and one (1) permit document.

(B) The same rules, regulations and fees apply to Multi-State Permits as any other single trip permit except the permit will be valid for a period of ten (10) calendar days. Also, these permits can only be obtained to transport loads within current envelope dimensions and weights.

(18) Permit and application forms are available from the Missouri Department of Transportation, Motor Carrier Services Division, 1320 Creek Trail Drive, PO Box 893, Jefferson City, MO 65102 or call (800) 877-8499 or (573) 751-7100.

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Notes

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Missouri Department of Transportation
Motor Carrier Services Unit
P.O. Box 893
Jefferson City, MO 65102
800-877-8499
573-751-7100
www.modot.org/mcs