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Title 7—MISSOURI DEPARTMENT OF TRANSPORTATION
Division 10—Missouri Highways and Transportation Commission
Chapter 25—Motor Carrier Operations

SECRETARY OF STATE
ADMINISTRATIVE RULES

PROPOSED AMENDMENT

7 CSR 10-25.020 Oversize/Overweight Permits. The Missouri Highways and Transportation Commission is amending subsections (6)(D), (8)(D), (11)(C), and (11)(E), and paragraph (6)(D)1., deleting paragraphs (6)(D)4. and (6)(D)5., adding new paragraphs (6)(B)7. through (6)(B)9., and renumbering paragraphs (6)(D)6. through (6)(D)11.

PURPOSE: This amendment relocates language regarding blanket permits of overlength public utility movements and overwide movements of sludge disposal units from the area describing multiple commodity blanket permits to the area that describes single commodity blanket permits. It also corrects an axle-spacing distance measurement for an alternative configuration of an 8-axle load configuration. Another correction clarifies that two escort vehicles are required when oversized units travel on a two-lane route off of the interstate system.

PUBLISHER'S NOTE: The secretary of state has determined that the publication of the entire text of the material which is incorporated by reference as a portion of this rule would be unduly cumbersome or expensive. This material as incorporated by reference in this rule shall be maintained by the agency at its headquarters and shall be made available to the public for inspection and copying at no more than the actual cost of reproduction. This note applies only to the reference material. The entire text of the rule is printed here.

(6) Annual Blanket Permits. Blanket permits may be issued for moves up to and including twelve feet, six inches (12'6") 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)(B). 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. 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.

(B) Single Commodity.

7. Public utility. Blanket overlength permits not exceeding one hundred fifty feet, zero inches (150'0") 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 (truck-tractor or derrick truck) 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));

8. Sludge disposal units. Blanket permits are available for travel on the state highway

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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;

9. Unladen Superload Trailer. Annual blanket permits for the movement of an unladen superload trailer may be issued up to and including a maximum width of twelve feet, six inches (12'6") and/or overall length up to a maximum of one hundred fifty feet (150'). Height and weight shall be legal. May vary in size as long as the largest measure is within the width and/or length limit specified on the permit.

(D) Blanket permits are also available for items that may be oversize or overweight as **outlined in section (11)**, with varying operation areas and time periods. These blanket permits may be issued as explained in the following paragraphs:

1. Thirty- (30-) Day Public Utility[or Public Works]. *[Thirty- (30-) day blanket.]* Blanket permits up to and including twelve feet, six inches (12'6") wide and/or overall length up to and including one hundred fifty feet, zero inches (150'0") 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. Height must be legal;

4. *[Public utility. Blanket overlength permits not exceeding one hundred fifty feet, zero inches (150'0") 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 (truck-tractor or derrick truck) 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 concrete pump trucks may be issued to a maximum width of twelve feet, six inches (12'6"), 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]5. Crane blanket. Blanket permits for cranes with a total of four (4) axles or less may be issued to a maximum width of twelve feet, six inches (12'6"), 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 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;

[8]6. Projects. Blanket permits are available for the movement and/or operation of oversize

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;

[9]7. 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, zero inches (120'0") in overall length to travel to and from locations within twenty (20) miles of the western border of this state. One hundred twenty thousand (120,000) pounds is allowed for LCVs entering from the Kansas border. Ninety-five thousand (95,000) pounds is allowed for LCVs entering from the Nebraska border, and ninety thousand (90,000) pounds is allowed for LCVs entering from the Oklahoma border. All other dimensions shall be legal. This permit authorizes travel over specified routes on the state highway system;

[10]8. Government agency. Annual blanket permits are available for government agencies up to and including twelve feet, six inches (12'6") in width, one hundred fifty feet, zero inches (150'0") in length, and maximum axle weights and gross weight as allowed in section (11). Height shall be legal; and

[11]9. Milk Hauler. Annual blanket permits may be issued for a maximum of eighty-five thousand five hundred (85,500) pounds to vehicles traveling on the interstate carrying raw fluid milk products from a farm and/or raw milk products to or from a milk plant, receiving station, or transfer station. Width, height, and length shall be legal.

(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), (12), (13), (14), (15), and (16).

(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~~ **ten** inch (~~8~~/**10**") 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" or "WIDE LOAD."

(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:

(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 one hundred four thousand (104,000) pounds.

6-Axle Configurations

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

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

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

Minimum distance between the centers of the first and last axle is sixty-five feet (65') for the alternative configuration and fifty-one feet (51') for all other configurations.

Maximum gross weight allowed on a 6-axle configuration is one hundred twenty thousand (120,000) pounds.

For the alternative configuration, the minimum distance between the tandem axle groups shall be twenty-five feet (25'), and the minimum distance between the tandem axle group and single booster axle shall be fourteen feet (14').

Lengths from forty-three feet (43') up to fifty-one feet (51') will be allowed for the (1-2-3) and (1-3-2) configurations provided that the maximum gross weight on these configurations does not exceed one hundred twelve thousand (112,000) pounds. When the configuration length is less than fifty-one feet (51'), the maximum gross weight on any tandem axle grouping shall be forty thousand (40,000) pounds and the maximum gross weight on any tridem axle grouping shall be sixty thousand (60,000) pounds.

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 thirty thousand (130,000) pounds for the alternative configuration, one hundred thirty-two thousand (132,000) pounds for the routine configuration, one hundred thirty-eight thousand (138,000) pounds for the 1-2-3-1 and 1-3-2-1 configurations, and one hundred fifty thousand (150,000) pounds for the 1-2-2-2 configuration.

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

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, except that a distance ranging from ten to ~~fourteen~~**thirteen** feet, **eleven inches** (10'-1/4/3'11") shall be required between centers of the last adjacent triple-single axle grouping for the alternative configuration.

Maximum gross weight allowed on an 8-axle configuration is one hundred forty-four thousand (144,000) pounds for the routine and alternative configurations and one hundred sixty thousand (160,000) pounds for all other configurations. For the alternative configuration, the maximum allowable weight will be twelve thousand (12,000) pounds for the last single axle.

9-Axle Configurations

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

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

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

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)

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

Minimum distance between the centers of the first and last axle is eighty-five feet (85') for the alternative configuration 2 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 except for the alternative configuration and alternative configuration 2, 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. When the alternative configuration 2 is used, a minimum distance of thirty feet (30') shall be required between centers of adjacent axles on consecutive tandem and quad axle groupings.

Maximum gross weight allowed on a 9-axle configuration is one hundred fifty-six thousand (156,000) 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)

Single-Tandem-Triple-Quad (1-2-3-4)

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 axle groupings; consecutive tandem and triple axle groupings; and consecutive triple axle groupings. A minimum distance of twenty feet (20') shall be required between centers of adjacent axles on consecutive triple and quad 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)

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

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 axle groupings; consecutive tandem and triple axle groupings; and consecutive triple axle groupings. A minimum distance of twenty feet (20') shall be required between centers of adjacent axles on consecutive triple and quad 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)

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

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; and consecutive triple axle groupings. A minimum distance of twenty feet (20') shall be required between centers of adjacent axles on consecutive triple and quad axle groupings. A minimum

distance of thirty feet (30') shall be required between centers of adjacent axles on the consecutive quad 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;

(E) Tractor trailer configurations with a maximum gross weight of one hundred sixty thousand (160,000) pounds or less that do not meet the length and weight restrictions outlined in subsections (11)(C) and (11)(D) may be considered for issuance as a routine overweight permit as long as they meet the length and weight criteria listed below and pass a bridge analysis for the structures located on the routes that the configuration will be traveling on.

The maximum allowable weight on a single axle that is not part of a group is twenty-two thousand four hundred (22,400) pounds.

The maximum allowable weight on a tandem axle group is forty-six thousand (46,000) pounds.

Within a tandem axle grouping, the maximum single axle weight is twenty-four thousand (24,000) pounds.

The maximum allowable weight on a triple axle group is sixty thousand (60,000) pounds.

Within triple and quadrum axle groupings, the maximum single axle weight is twenty-one thousand (21,000) pounds.

The maximum allowable weight on a quadrum axle group is eighty thousand (80,000) pounds.

The minimum distance between the centers of the first and last axle of a 5-axle configuration is fifty feet (50').

The minimum distance between the centers of the first and last axle of a 6-axle configuration is fifty-five feet (55').

The minimum distance between the centers of the first and last axle of a 7-axle configuration is sixty feet (60').

The minimum distance between the centers of the first and last axle of an 8-axle configuration is sixty-five feet (65').

The minimum distance between the centers of the first and last axle of a 9-axle configuration is seventy feet (70').

The minimum distance between the centers of the first and last axle of a 10-axle, 11-axle, and 12-axle configuration is eighty feet (80').

*AUTHORITY: section 304.200, RSMo 2016, and section 304.180, RSMo Supp. 2020. * This rule was previously filed as 7 CSR 10-2.010. Original rule filed July 12, 2005, effective Feb. 28, 2006. Emergency amendment filed July 7, 2008, effective Sept. 2, 2008, expired Feb. 28, 2009. Amended: Filed July 7, 2008, effective Feb. 28, 2009. Amended: Filed Dec. 5, 2014, effective July 30, 2015. Amended: Filed Oct. 14, 2016, effective July 30, 2017. Amended: Filed Oct. 8, 2020, effective May 30, 2021. Amended: Filed July 8, 2022.*

**Original authority: 304.180, RSMo 1939, amended 1943, 1949, 1951, 1957, 1963, 1965, 1967, 1983, 1985, 2000, 2001, 2008, 2012, 2013, 2014, 2015, 2017, 2018, 2020 and 304.200, RSMo 1939, amended 1943, 1972, 1979, 1983, 1985, 1988, 1989, 1995, 1996, 2000, 2002.*

PUBLIC COST: This proposed amendment will not cost state agencies or political subdivisions more than five hundred dollars (\$500) in the aggregate.

PRIVATE COST: This proposed amendment will not cost private entities more than five hundred dollars (\$500) in the aggregate.

*NOTICE TO SUBMIT COMMENTS: Anyone may file a statement in support of or in opposition to this proposed amendment with the Missouri Highways and Transportation Commission, Pamela J. Harlan, Secretary to the Commission, PO Box 270, Jefferson City, MO 65102 or Pamela.Harlan@modot.mo.gov. To be considered, comments must be received within thirty (30) days after publication of this notice in the **Missouri Register**. No public hearing is scheduled.*