



Overdimensional Vehicle Policy

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B. In Addition, the Following Clauses Shall Become a Part of All Contracts in Excess of \$10,000. (Davis-Bacon Act Regulations 29 CFR Sec. 5a.3).

- (1) The contractor agrees:**
- (2) The contractor agrees**
- (3) The contractor who claims compliance based on the criterion stated in Sec. 5a.4 (b) agrees**
- (4) The contractor agrees**
- (5) The contractor agrees**

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I. Overdimensional Vehicle Policy

A. Legal Width

1. 8 feet 6 inches on all highways.
2. Exceptions.
 - a. Construction and building contractors' equipment and vehicles used to move such equipment which does not exceed 10 feet in width when being moved by contractors or resident carriers.
 - b. Implements of husbandry being moved by resident farmers, ranchers, dealers, or manufacturers between sunrise and sunset. Nighttime travel is allowed provided the implements are properly lighted.

B. Legal Height

1. 14 feet whether loaded or unloaded, unless routes of travel include structures such as bridges and underpasses that are not 14 feet in height. Adequate clearance of all structures must be verified prior to moving any vehicle or equipment under any bridge or underpass.
2. Exceptions.
 - a. Implements of husbandry may not exceed 15 feet 6 inches in height when being moved by resident farmers, ranchers, dealers, or manufacturers between sunrise and sunset.

C. Legal Length

1. A single unit vehicle with two or more axles, including the load thereon, shall not exceed a length of 50 feet.
2. A combination of two, three, or four units, including the load thereon, shall not exceed a length of 75 feet on non-designated streets. Three and four unit combinations are subject to safety rules adopted by the Highway Commissioner.
 - a. The designated streets within the City of Fargo are:
 - 1) Main Avenue between 25th and 45th Street.
 - 2) 7th Avenue North between 25th and 45th Street.
 - 3) 12th Avenue North between 27th and 45th Street.
 - 4) 25th Street between 7th Avenue North and I-94.
 - 5) 45th Street between 19th Avenue North & I-94.

Trucking firms not located adjacent to these designated streets will be allowed to use the most direct route from their terminal to access them.

3. A combination of two, three, or four units, including the load thereon, may exceed 75 feet in length but shall not exceed 110 feet in length when traveling on designated streets.
4. The length of a trailer or semitrailer, including the load thereon, may not exceed 53 feet.
5. Towing converter dollies.
 - a. Converter dollies that are used to convert semitrailers to trailers are considered trailers if they meet all lighting requirements and are equipped with brakes and safety chains.
 - b. No more than one converter dolly can be towed behind a truck-tractor, semitrailer, and trailer; and no more than two converter dollies can be towed behind a truck-tractor and semitrailer.

D. Legal Weight Limitations

1. Gross vehicle weight on residential streets.

- a. The gross vehicle weight of any vehicle or combination of vehicles is determined by the following weight formula of

$$W = 500 * \frac{LN}{(N - 1) + 12N + 36}$$

where **W** equals maximum weight in pounds carried on any group of two or more axles; **L** equals distance in feet between the extremes of any group of two or more consecutive axles; and **N** equals number of axles in the group under consideration except that two consecutive sets of tandem axles may carry a gross load of 34,000 pounds each, providing the overall distance between the first and last axles of the consecutive sets of tandem axles is at least 36 feet.

- b. The maximum gross vehicle weight on the residential street system is 80,000 pounds.

2. Gross vehicle weight on the truck route system. (See Appendix A)

- a. The gross vehicle weight of any vehicle or combination of vehicles is determined by the following weight formula of

$$W = 500 * \frac{LN}{(N - 1) + 12N + 36}$$

where **W** equals the maximum gross weight in pounds on any vehicle or combination of vehicles; **L** equals distance in feet between the two extreme axles of any vehicle or combination of vehicles; and **N** equals the number of axles of any vehicle or combination of vehicles under consideration.

b. The maximum gross vehicle weight on City truck routes is 105,500 pounds unless otherwise posted. On all other streets the maximum gross vehicle weight is 80,000 pounds unless designated for more.

3. Axle weight.

a. No single axle shall carry a gross weight in excess of 20,000 pounds. Axles spaced 40 inches or less apart are considered one axle. Axles spaced 8 feet apart or over are considered as individual axles. (The gross weight of two individual axles may not exceed 40,000 pounds on highways other than the residential street system.) On the residential street system the gross weight of two individual axles may be restricted by the weight formula. Spacing between axles shall be measured from axle center to axle center.

b. Axles spaced over 40 inches apart and less than 8 feet apart shall not carry a gross weight in excess of 17,000 pounds per axle. The gross weight of three or more axles in a grouping may not exceed 48,000 pounds on highways other than the residential street system. On the residential street system the gross weight of three or more axles is restricted by the weight formula.

c. During the spring breakup season or on otherwise posted streets reductions in the above axle weights may be specified. Axle weights may also be reduced by the bridge load limitations map.

4. Wheel weight.

a. The weight in pounds on any one wheel shall not exceed one-half the allowable axle weight. Dual tires are considered one wheel.

5. Tire weight.

a. The weight per inch width of tire shall not exceed 550 pounds. The width of tire for solid tires shall be the rim width; for pneumatic tires, the manufacturer's width. **Metric tire sizes are converted to inches by dividing millimeters by 25.4**

W = Maximum weight in pounds on any group of two or more axles
 L = Distance in feet between extremes of any group of two or more consecutive axles
 N = Number of axles in group under consideration

Axle Weight Limitations Chart

$$W = 500 * \frac{LN}{(N-1) + 12N + 36}$$

Distance in feet between
 the extremes of any groups of
 2 or more consecutive axles

MAXIMUM LOAD IN POUNDS CARRIED ON ANY GROUP OF 2 OR MORE CONSECUTIVE AXLES

	2 Axles	3 Axles	4 Axles	5 Axles	6 Axles	7 Axles	8 Axles	9 Axles
4	34,000							
5	34,000							
6	34,000							
7	34,000	41,500						
8	38,000	42,000						
9	39,000	43,000						
10	40,000*	43,500						
11		44,500						
12		45,000	50,000					
13		46,000	50,500					
14		46,500	51,500					
15		47,500	52,000					
16		48,000	52,500	58,000				
17		49,000	53,500	58,500				
18		49,500	54,000	59,500				
19		50,500	54,500	60,000				
20		51,000	55,500	60,500	66,000			
21		52,000	56,000	61,000	66,500			
22		52,500	56,500	62,000	67,000			
23		53,500	57,500	62,500	68,000			
24		54,000	58,000	63,000	68,500	74,000		
25		55,000	58,500	63,500	69,000	74,500		
26		55,500	59,500	64,500	69,500	75,000		
27		56,500	60,000	65,000	70,000	76,000		
28		57,000	60,500	65,500	71,000	76,500	82,000	
29		58,000	61,500	66,000	71,500	77,000	82,500	
30		58,500	62,000	67,000	72,000	77,500	83,000	
31		59,500	62,500	67,500	72,500	78,000	84,000	
32		60,000*	63,500	68,000	73,000	78,500	84,500	90,000
33			64,000	68,500	74,000	79,500	85,000	90,500
34			64,500	69,500	74,500	80,000	85,500	91,000
35			65,500	70,000	75,000	80,500	86,000	91,500

36	66,000	70,500	75,500	81,000	86,500	92,500
37	66,500	71,000	76,000	81,500	87,000	93,000
38	67,500	72,000	77,000	82,000	87,500	93,500
39	68,000	72,500	77,500	83,000	88,500	94,000
40	68,500	73,000	78,000	83,500	89,000	94,500

Two consecutive sets of tandem axles may carry a gross load of 34,000 pounds each provided the overall distance between the first and last axles of such consecutive sets of tandem axles is 36 feet or more.

	2 Axles	3 Axles	4 Axles	5 Axles	6 Axles	7 Axles	8 Axles	9 Axles
41			69,500	73,500	78,500	84,000	89,500	95,000
42			70,000	74,500	79,000	84,500	90,000	95,500
43			70,500	75,000	80,000	85,000	90,500	96,000
44			71,500	75,500	80,500	85,500	91,000	97,000
45			72,000	76,000	81,000	86,500	91,500	97,500
46			72,500	77,000	81,500	87,000	92,500	98,000
47			73,500	77,500	82,000	87,500	93,000	98,500
48			74,000	78,000	83,000	88,000	93,500	99,000
49			74,500	78,500	83,500	88,500	94,000	99,500
50			75,500	79,500	84,000	89,000	94,500	100,000
51			76,000	80,000	84,500	90,000	95,000	100,500
52			76,500	80,500	85,000	90,500	95,500	101,500
53			77,500	81,000	86,000	91,000	96,500	102,000
54			78,000	82,000	86,500	91,500	97,000	102,500
55			78,500	82,500	87,000	92,000	97,500	103,000
56			79,500	83,000	87,500	92,500	98,000	103,500
57	Gross weight limit on		80,000*	83,500	88,000	93,500	98,500	104,000
58	residential streets			84,500	89,000	94,000	99,000	104,500
59				85,000	89,500	94,500	99,500	105,000
60				85,500	90,000	95,000	100,500	105,500*
61				86,000	90,500	95,500	101,000	
62				87,000	91,000	96,000	101,500	
63				87,500	92,000	97,000	102,000	
64				88,000	92,500	97,500	102,500	
65				88,500	93,000	98,000	103,000	
66				89,500	93,500	98,500	103,500	
67				90,000	94,000	99,000	104,500	
68				90,500	95,000	99,500	105,000	
69				91,000	95,500	100,500	105,500*	
70				92,000	96,000	101,000		
71				92,500	96,500	101,500		
72				93,000	97,000	102,000		
73				93,500	98,000	102,500		

74	94,500	98,500	103,000
75	95,000	99,000	104,000
76	95,500	99,500	104,500
77	96,000	100,000	105,000
78	97,000	101,000	105,500*
79	97,500	101,500	
80	98,000	102,000	
81	98,500	102,500	
82	99,500	103,000	
83	100,000*	104,000	
84		104,500	*Maximum Gross Weight
85		105,000	
86		105,500*	

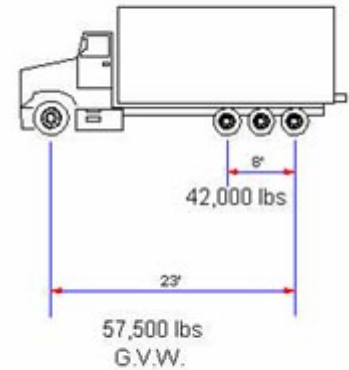
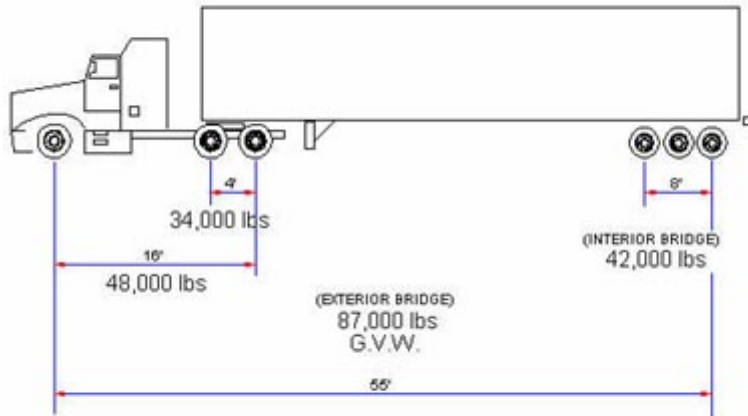
NOTE: On highways other than the residential street system, only the exterior bridge measurement shall be used to determine the gross vehicle weight of a vehicle or combination of vehicles.

CITY OF FARGO AXLE WEIGHT LIMITATIONS

No single axle shall carry a gross weight in excess of 20,000 pounds. Axles spaced 40 inches or less apart are considered one axle. Axles spaced 8 feet apart or over are considered as individual axles. The gross weight of two individual axles may be restricted by the weight formula except that on highways other than the residential streets, two axles spaced 8 feet apart or more may have a combined gross weight not to exceed 40,000 pounds. Spacing between axles shall be measured from axle center to axle center.

Axles spaced over 40 inches apart and less than 8 feet apart shall not carry a gross weight in excess of 17,000 pound per axle. The gross weight of three or more axles in a grouping is determined by the measurement between the extreme axle centers except that on the truck route system, groupings of three or more axles may have a gross weight not to exceed 48,000 pounds.

Examples of Bridge Formula Application



Tire Width Limitations

The weight per inch width of tire shall not exceed 550 pounds. Metric tire sizes are converted to inches by dividing millimeters by 25.4. The width of tire for solid tires shall be the rim width. For pneumatic tires the width of tire shall be the manufacturer's width. The weight in pounds on any one wheel shall not exceed one-half the allowable axle weight. Dual tires are considered one wheel.

Tire Width	Single Axle		Tandem Axle		Triple Axle	
	(2 Tires)	(4 Tires)	(4 Tires)	(8 Tires)	(6 Tires)	(12 Tires)
7:00	7,700	15,400	15,400	30,800	23,100	
7:50	8,250	16,500	16,500	33,000	24,750	
8:00	8,800	17,600	17,600	34,000	26,400	
8:25	9,075	18,150	18,150	34,000	27,225	
9:00	9,900	19,800	19,800	34,000	29,700	
10:00	11,000	20,000	22,000	34,000	33,000	
11:00	12,100	20,000	24,200	34,000		
12:00	13,200	20,000	26,400	34,000		
13:00	14,300	20,000	28,600	34,000		
14:00	15,400	20,000	30,800	34,000		
15:00	16,500	20,000	33,000	34,000		
16:50	18,150	20,000	34,000	34,000		
17:50	19,250	20,000	34,000	34,000		
18:00	19,800	20,000	34,000	34,000		

NOTE: Axle weights may be reduced during the spring breakup season or on otherwise posted streets.

Metric Tires

Examples of Metric Tire Conversion

Metric Tire Size	Tire Width in Inches	Metric Tire Size	Tire Width in Inches
245/75R22.5	9.6 inches	295/75R22.5	11.6 inches
255/70R22.5	10.0 inches	315/75R22.5	12.4 inches
265/75R22.5	10.4 inches	385/65R22.5	15.2 inches
275/80R22.5	10.8 inches	425/65R22.5	16.7 inches
285/75R24.5	11.2 inches	445/65R22.5	17.5 inches

II. **ROAD RESTRICTION REDUCTION IN WEIGHTS**

PURPOSE:

To establish guidelines as to what gross axle weights and gross vehicle weights will be enforced during the spring of the year when streets break up due to frost leaving the ground or any other time of the year when the street section is insufficient to handle the weights.

POLICY STATEMENT:

As authorized by section 8-0924 of the City of Fargo Municipal Code, the City of Fargo will reduce allowable weights on streets under their jurisdiction that may become seriously damaged or destroyed by reason of deterioration, rain, snow, or other climatic conditions.

PROCEDURE:

A. Listed below are the restricted highway classifications, restricted gross axle weights, and restricted gross vehicle weight limits on City streets. Weight limits may vary.

Class	Single Axle	Tandem Axle	3 or More Axle Groupings	Gross Vehicle Weight
Class A	18,000 lbs	32,000 lbs	14,000 lbs per axle not to exceed 42,000 lbs gross weight on divisible loads	105,500 lbs
Class 1	15,000 lbs	30,000 lbs	12,000 lbs per axle not to exceed 36,000	80,000 lbs

			lbs gross weight on <u>divisible</u> loads	
Class 2	12,000 lbs	24,000 lbs	10,000 lbs per axle not to exceed 30,000 lbs gross weight on <u>divisible</u> loads	65,000 lbs
Class 3	Cars and empty trucks only			

B. A fee shall be added to all overweight permits issued on restricted streets as outlined in the overweight fee schedule. (See Appendix C)

III. PERMITS FOR OVERSIZE AND OVERWEIGHT VEHICLES

PURPOSE:

To establish guidelines when permits will be issued for vehicles or loads exceeding legal size and/or weight for movement on the City streets.

POLICY STATEMENT:

As authorized by section 8-0922 of the City of Fargo Municipal Code, the City will issue single trip permits, when good cause is shown, for the movement of oversize and/or overweight vehicles and loads.

The following procedures outline the requirements and methods for issuing permits for oversize and overweight vehicles.

PROCEDURE:

A. Permit Requirements

1. Permits must be in possession prior to starting any movement. They shall designate the route to be traveled and may contain such other restrictions as deemed necessary by the City engineers. The City has the authority to revoke permits when the holder violates or abuses the privilege or conditions of the permits.

2. General travel restrictions.

- a.** Single trip permits shall not be issued for overdimensional movements between sunset and sunrise, unless approved by City Engineering.
- b.** Single trip permits for overwidth exceeding 16 feet or overlength exceeding 88 feet shall not be issued authorizing movements on Saturday after 12 noon, all day Sunday, and on holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, and Christmas Day.
 - 1)** When any above named holiday is on Sunday, the following Monday shall be the holiday.
 - 2)** When any above named holiday is on a Saturday, the preceding Friday shall be the holiday.
 - 3)** No overwidth permit exceeding 16 feet or overlength permit exceeding 110 feet will be valid from 12 noon the day before the holiday until sunrise the day after the holiday.
- c.** Single trip permits shall not authorize movements when inclement weather prevails, highways are slippery, or when visibility is poor.
- d.** Single trip permits do not authorize travel on shoulders of road.
- e.** Single trip permits shall apply to movement of one vehicle or one vehicle combination only.
- f.** All permits shall require a minimum distance of 1,000 feet between vehicles in a convoy of two or more vehicles.
- g.** Single trip permits will be for the duration of one movement. Movement of a fixed load during a 24-hour period shall be considered one movement. When a piece of equipment is unloaded at a project site and then reloaded to go to its next destination, a new permit must be obtained.

Special mobile equipment such as: workover rigs, truck cranes, self-propelled scrapers, rubber-tired dozers and rubber-tired loaders, permits are good for multiple movements during the date of movement as noted on the permit.

3. General safety requirements.

- a.** All overdimensional vehicles and loads shall have minimum 18 inch by 18 inch red or bright orange flags displayed on the traffic side front and rear.

b. When the overall length of an overdimensional movement exceeds 75 feet in length, there shall be at least an 18 inch by 84 inch **OVERSIZE LOAD** sign on the rear. The lettering shall be black on yellow background. Letters shall be at least 10 inches high with 1.41 inch brush stroke. When the movement is overlength only, exceeding 75 feet in overall length, a **LONG LOAD** sign that is a minimum 12 inches by 60 inches in size may be used in lieu of the **OVERSIZE LOAD** sign. The lettering shall be black on yellow background. The letters shall be at least 8 inches high with 1-inch brush stroke. The sign shall be covered or removed when the movement is not overdimensional.

c. All motor vehicles when transporting loads must be loaded and secured to prevent the shifting or falling of the load. Loads such as a hydraulic backhoe or crane must be secured to prevent the accidental lifting of the bucket or boom.

d. Towing vehicle must have two mirrors to reflect a rear view of 200 feet to the driver.

e. All commercial oversize vehicles must be equipped in accordance with the requirements and specifications of Parts 393 and 396 of 49CFR.

4. Escort requirements.

a. All movements exceeding 14 feet 6 inches in width, 18 feet in height, and 120 feet in overall length are required to have official escort or approved pilot cars (see Pilot Car Policy). In lieu of the pilot car requirement for movements not exceeding 16 feet in width, the overwidth vehicle itself, or vehicle towing or hauling an overwidth load, may be equipped with a lighted rotating or flashing amber light or lights that are visible from front and rear for a minimum 500 feet. On four-lane divided highways, there are no pilot car requirements for movements not exceeding 16 feet in width. Movements exceeding 18 feet in width will be required to have an official escort unless exempted by the City engineers.

b. Exceeding 16 feet in overall width.

1) One pilot car is required to precede each movement at a distance of 300 to 700 feet and one pilot car is required to follow each movement at a distance of 300 to 700 feet on two-lane highways.

2) One pilot car is required to follow each movement at a distance of 300 to 700 feet on four-lane divided highways.

c. Pilot car requirements.

1) The vehicle must be a passenger vehicle or two-axle truck only and must be operated as a single unit only.

2) The vehicle must have on the highest part a sign that is minimum 12 inches in height and 60 inches in length with the words **OVERSIZE LOAD** on it. The sign shall be yellow with black lettering. The lettering shall not be less than 8 inches high and 1-inch brush strokes. In addition, flashing amber lights shall be mounted on both ends of the sign. In place of the two alternating lights, there can be one centrally mounted revolving amber light on the top of the sign. There shall be radio communication between the pilot car(s) and the vehicle being escorted.

5. General size limitations.

a. Construction and building contractors' equipment and vehicles used to move such equipment are exempt from width limitations not to exceed 10 feet in width when being moved by contractors or resident carriers. Housemovers' vehicles and equipment and specialized oil field vehicles commonly referred to as rig up trucks or jin trucks are considered construction equipment.

b. Single trip permits shall not be issued for movements exceeding the vertical clearance under structures. If there is a bypass or exit ramp around structures, permits may be issued directing the movement around the structure. All movements exceeding 18 feet in height must have written authority from utility companies to travel under overhead wires. All vertical clearances shall be the responsibility of the permittee.

1) The City of Fargo list of bridges with vertical clearances will be referred to when issuing all overheight permits and may cause overheight movements to be given special route restrictions.

c. Towed vehicles, such as rock crushers or conveyors, are subject to single trip permits if the length of the towed vehicle exceeds 60 feet.

d. Road construction may limit overwidth movements to 12 feet in width, or less, on some highways. Contact City Engineering to obtain width restrictions.

e. If an overwidth trailer or semitrailer is needed to transport an oversize or overweight load, only one single trip permit will be required for the round trip movement. If an overlength, modular type, semitrailer is needed to transport an overweight load, only one single trip permit will be required for the round trip movement. An overwidth farm implement trailer is defined as a farm implement and may also be permitted, empty or loaded.

6. General conditions for all overweight movements.

a. No permit shall be issued for an overweight vehicle unless the vehicle is registered for the gross weight which the vehicle can legally carry without a permit, nor issued for loads that can be reasonably made to conform to legal

limits. Overweight permits will be issued for hauling one piece of equipment only. A dozer with blade attached is considered one piece. If the blade is detached, it cannot be hauled on the same load.

b. The rate of speed shall not exceed 25 mph if any axle grouping gross weight exceeds legal weight limits by more than 5,000 pounds, or if the gross vehicle weight is more than 120,000 pounds. City engineers **may** require a speed reduction on some structures.

c. Overweight permits are not valid for movement on flexible pavements when the atmospheric temperature is 85° F or above.

d. State issue permits will be honored on the City truck route system provided:

1) Loads are in compliance with City of Fargo Overdimensional Vehicle Policy.

2) You are utilizing the services of any truck stop adjacent to the interstate system.

3) Load stays off of the residential street system.

4) The origin of the load is the owner's primary place of business (i.e. shop/office) and the load has a destination outside the City of Fargo and the load remains on the City Truck Routes.

5) The origin and destination of a load is outside the City of Fargo and the load remains on the City Truck Routes.

6) The origin of the load is outside the City of Fargo and the loads destination is the owner's primary place of business (i.e. shop/office) within the City of Fargo and the load remains on the City Truck Routes.

7. Additional conditions for all overweight movements.

a. Loads would have to be broken down as follows if requested routes of travel cannot be approved by the City engineer.

1) Blades and rippers must be removed from dozer and hauled separately.

2) All scrapers must be split and hauled separately.

3) Counterweights must be removed from cranes and hauled separately.

4) Self-propelled truck cranes shall be allowed a maximum of 550 lbs. per inch width of tire without an additional overweight fee, up to a maximum gross vehicle

weight of 150,000 lbs, anything over 150,000 lbs. gross vehicle weight will be charged at \$5/1,000 lbs.

Weights in excess of 550 lbs. per inch width of tire shall be assessed a \$5/1000 lbs. of additional weight per axle configuration on self-propelled truck cranes.

5) During spring weight restrictions, all truck cranes shall follow the standard overdimensional policies.

b. **All movements** are subject to City engineer approval.

8. Additional conditions for movement of overweight self-propelled earthmoving equipment such as scrapers, rubber-tired dozers, and loaders.

a. The maximum permissible axle weight when roading earthmoving equipment is 36,000 pounds per axle except as authorized by the City engineers.

b. City engineers may authorize permits when the axle weights exceed 36,000 pounds.

c. Earth moving equipment is not allowed to be loaded with material when roading.

d. Maximum speed for movement is 20 mph and a pilot car is required **to follow** for this purpose.

e. All general travel restrictions and requirements of this permit policy apply to self-propelled earthmoving equipment movements.

9. Government and emergency vehicles.

a. Governmental road maintenance equipment, North Dakota National Guard equipment, and emergency vehicles will be permitted on individual specifications or where emergencies necessitate.

10. Liability of permittee.

a. The applicant or permittee, as a condition for obtaining an oversize and/or overweight permit, shall assume all responsibility for accidents, damage, or injury to any persons or damage to public or private property caused by the movement of any oversize and/or overweight vehicle or load covered by the permit while upon public streets of the City of Fargo.

b. The applicant or permittee agrees to indemnify and hold harmless the City of Fargo, their officers and employees from any and all claims resulting directly or

indirectly from the movement of an oversize and/or overweight vehicle or load on any public street of the City of Fargo.

11. Special mobile equipment.

a. For the purpose of this policy, special mobile equipment shall mean every non-registered, overweight, self-propelled vehicle that is only incidentally operated or moved over a highway.

b. Special mobile equipment shall include the following vehicles:

- 1) Workover rigs
- 2) Truck cranes
- 3) Self-propelled scrapers
- 4) Rubber-tired dozers
- 5) Rubber tired loaders

B. Application Procedure

1. Single trip permits can be obtained from the City Engineering Department.

a. Applications may be made in person, via mail, or fax.

b. The applicant must read and sign the reverse side of the receipt/permit acknowledging the movement restrictions and requirements.

c. Permits will be in written form and must be in possession prior to entering City limits or starting movement.

d. Information required to obtain permits.

- 1) Company name and address.
- 2) Description of power unit: year, make, capacity, serial number, license number and state, tire sizes, and number of axles.
- 3) Description of towed unit: type unit, make, tire sizes, and number of axles.
- 4) Overall dimensions of vehicle and load.
- 5) Axle weights and gross weight of vehicles and load if overweight is requested.
- 6) Dates of travel, point of origin and destination, and desired route to be traveled.

e. Overdimensional movement call-ins.

1) When a situation arises that a permit form can not be filled out before the movement of an overdimensional load, you may call-in the movement of the load, stating the Name of Company, Description of Load, Origin of Load, Destination of

Load, Streets Used, Axle Weights and Gross Vehicle Weight. A permit for this load must then be filled out and faxed to the City of Fargo Engineering Department by 9:00 A.M. the following morning or the City of Fargo will treat it as a failure to obtain a permit.

2. Permit fees.

- a. \$20 for each single trip permit.
- b. Overweight fees as per the overweight fee schedule. (See Appendix C)

3. Single trip movement permits can be obtained from the City of Fargo Engineering Department, 200 N 3rd Street, Fargo ND 58102. The telephone number is 701/241-1545.

4. On-site weight verification/escort service.

Upon request, the City enforcement officer will provide escort services and the on-site weight verification service prior to entering City streets to ensure the load is in compliance with the City of Fargo Overdimensional Policy. The cost for these services shall be \$30 per hour.

IV. PILOT CAR POLICY

PURPOSE:

To establish a policy in the interest of public highway safety to show when pilot cars are required and what the requirements of the pilot car are when moving oversize and overweight loads.

POLICY STATEMENT:

The City of Fargo will require pilot cars as part of the permit conditions for the movement of vehicles and loads of extraordinary size and weight on the City street system.

PROCEDURE:

A. The following factors determine when pilot cars are required:

1. Overwidth movements.

a. All movements exceeding 14 feet 6 inches in **overall** width but not exceeding 16 feet in **overall** width shall have one pilot car **precede** the movement at a distance of 300 to 700 feet on two-lane highways. On four-lane divided streets, there are no pilot car requirements. In lieu of the pilot car requirement, the overwidth vehicle itself, or vehicle towing or hauling an overwidth load, may be equipped with a lighted rotating or flashing amber light or lights that are visible from front and rear for a minimum of 500 feet.

b. All movements exceeding 16 feet in **overall** width shall have one pilot car **precede** the movement at a distance of 300 to 700 feet and shall have one pilot car **follow** the movement at a distance of 300 to 700 feet on two-lane highways. On four-lane divided streets one pilot car shall **follow** the movement at a distance of 300 to 700 feet.

2. **Overlength movements.**

a. All movements exceeding 120 feet in **overall** length shall have one pilot car **follow** the movement at a distance of 300 to 700 feet.

3. **Overheight movements.**

a. All movements exceeding 18 feet in **overall** height shall have one pilot car **precede** the movement at a distance of 300 to 700 feet.

4. **Overweight movements.**

a. All movements of self-propelled earthmoving equipment that are roaded shall have one pilot car **follow** the movement at a distance of 300 to 700 feet on **all** streets because of a maximum speed limit of 20 miles per hour.

b. The City Engineering Department **may** require one or two pilot cars on other overweight movements that exceed the normal permissible weights.

B. Other factors determining when pilot cars are required.

1. Combinations of 1, 2, 3, or 4 above may require one or more pilot cars as determined by the City Engineering Department.

C. Pilot Car Requirements

1. All vehicles used as pilot cars must meet the following requirements.

a. Vehicle must be a passenger vehicle or 2-axle truck only.

b. Vehicle must meet requirements of Title 39 NDCC.

- c. Driver of the pilot car must have a valid driver's license and be 18 years of age or older.
 - d. The vehicle must have on the highest part a sign that is minimum 12 inches in height and 60 inches in length with the words **OVERSIZE LOAD** on it. The sign shall be yellow with black lettering. The lettering shall not be less than 8 inches high and 1-inch brush strokes. In addition, flashing amber lights shall be mounted on both ends of the sign. In place of the two alternating lights, there can be one centrally mounted revolving amber light on the top of the sign.
 - e. There shall be radio communication between the pilot car(s) and the vehicle being escorted.
 - f. When not being used for an escort, all warning signs and lights must be completely covered or removed from the pilot car(s).
2. When operating in convoy, additional pilot cars will not be required provided that each unit in convoy keep at least 1,000 feet apart so as not to hamper passing traffic.
 3. Due to OSHA requirements, radio communication will not be required when escorting self-propelled earthmoving equipment.

V. SOLID WASTE / SEWER MAINTENANCE 10 % WEIGHT EXEMPTION PERMIT POLICY

PURPOSE:

To establish guidelines when 10 percent extra weight permits can be issued for the collection and transport of solid wastes.

POLICY STATEMENT:

As authorized by section 8-0922 of the City of Fargo Municipal Code, the City may issue 10 percent weight exemption permits for the collection and transport of solid wastes. The permits will contain restrictions as deemed necessary by the City of Fargo. Permits may be revoked by the City when the holder violates or abuses any privilege or conditions of a permit.

The following procedures outline the requirements and methods for issuing permits for movement with the 10 percent extra weight permits.

PROCEDURE:

A. Axle Weight Limitations

1. Tire weight may not exceed 605 pounds (550 lbs. plus 10 percent) per inch width of tire.

Example:

- 1) 8:25 tires on a steering axle = 9,983 lbs.
- 2) 9:00 tires on a steering axle = 10,890 lbs.
- 3) 10:00 tires on a steering axle = 12,100 lbs.

2. Single axle weight (4 tires) may not exceed 22,000 pounds (20,000 lbs. plus 10 percent).

Example:

- 1) 8:25 tires = 18,150 lbs. plus 10 percent = 19,965 lbs.
- 2) 9:00 tires = 19,800 lbs. plus 10 percent = 21,780 lbs.
- 3) 10:00 tires = 20,000 lbs. plus 10 percent = 22,000 lbs.

3. Tandem axle weight (8 tires) may not exceed 37,400 pounds (34,000 lbs. plus 10 percent) (not to exceed 18,700 lbs. per axle).

Example:

- 1) 7:50 tires = 33,000 lbs. plus 10 percent = 36,300 lbs.
- 2) Tires that are 8:00 or larger qualify for 37,400 lbs.

4. Triple axle weight (12 tires) may not exceed 52,800 pounds (48,000 lbs. plus 10 percent) (not to exceed 18,700 lbs. per axle).

B. Gross Vehicle Weight Limitations

1. Gross vehicle weights are determined by the number of axles and measurement of the interior and exterior bridge lengths.

a. Example:

- 1) 2 axles x 7 feet = 34,000 lbs. plus 10 percent = 37,400 lbs.
- 2) 3 axles x 16 feet = 48,000 lbs. plus 10 percent = 52,800 lbs.
- 3) 4 axles x 22 feet = 56,500 lbs. plus 10 percent = 62,150 lbs.

- b. Vehicle combinations of six or more axles also qualify for the 10 percent additional weight as determined by the Weight Limitations Chart, but **may not exceed 105,500 pounds.**

C. Travel Restrictions

1. On some **sections** of City streets, it **may** be necessary to restrict axle weights to **legal weights** due to bridge structure limitations.

D. Registration Requirement

1. The registered gross weight does not have to include the additional 10 percent. The vehicle must be registered for the maximum legal gross vehicle weight.

E. Application Procedure

1. The fee for the exemption is \$500 per vehicle per each calendar year. The permit can be obtained from the City Engineer's Office. The permit will show the permissible weights and must be in possession when exceeding legal weight limits.

2. The maximum 10 percent weight exemption will pertain to the axle configurations, tire widths, interior bridge, and exterior bridge.