



Over Dimensional Vehicle Policy

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Approved: July 20, 2020

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City of Horace
Overdimensional Vehicle Policy

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City of Horace Overdimensional Policy Developed: 2020

City of Horace Overdimensional Contact Information

City of Horace Permits	701-492-2972
Cass County Truck Regulatory Officer	701-241-5800
Website	www.cityofhorace.com

Office Hours (Page 17)

Monday thru Friday 8:00 am to 5:00 pm (CST)
 Closed Weekends and Holidays

Miscellaneous Contact Numbers

City of Fargo Permits	701-241-1561
City of West Fargo Permits	701-433-5400
Cass County Permits	701-298-2370
ND DOT Permits	701-328-2621

I. OVERDIMENSIONAL VEHICLE POLICY

- A. **Legal Width = 8'6"**. Vehicles operated on the streets of Horace may not exceed a total outside width, including load thereon, of eight feet six inches (8'6").
1. Exceptions.
 - a. Construction and building contractors' equipment and vehicles used to move such equipment which does not exceed **10' in width** when being moved by contractors or resident carriers.
 - b. Implements of husbandry being moved by farmers, ranchers, dealers, or manufacturers between sunrise and sunset. Nighttime travel is allowed provided the implements of husbandry are properly lighted. Implements of husbandry may be moved in accordance with Part XII hereof.
- B. **Legal Height = 14'**. Vehicles operated on the streets of Horace may not exceed a height of fourteen feet (14'), whether loaded or unloaded.
1. Legal height is 14' unless routes of travel include structures such as bridges and underpasses that are less than 14' in height. The permittee is responsible for verifying adequate clearance of all structures prior to moving any vehicle or equipment under any bridge or underpass.
 2. Exception.

Implements of husbandry may not exceed 15'6" in height when being moved by farmers, ranchers, dealers, or manufacturers and moved in accordance with Part XII hereof.
- C. **Legal Length**
1. A single unit vehicle with two or more axles, including the load thereon, shall not exceed a length of 50'.
 2. A combination of two, three, or four units, including the load thereon, shall not exceed a length of 75' on non-designated streets. Three- and four-unit combinations are subject to safety rules adopted by the Highway Commissioner. All streets are non-designated streets in the City of Horace, except the designated streets listed on the Truck Route Map. (Appendix A).

Companies not located adjacent to these designated streets will be allowed to use the most direct route from their company to access the designated streets.
 3. A combination of two, three, or four units, including the load thereon, may exceed 75' in length but shall not exceed 110' in length when traveling on designated streets.

4. The length of a trailer or semi-trailer, including the load thereon, may not exceed 53', except that trailers and semitrailers titled and registered in North Dakota before July 1, 1987, and towed vehicles may not exceed a length of 60'.
5. Towing converter dollies.
 - a. Converter dollies that are used to convert semi-trailers 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, semi-trailer, and trailer; and no more than two converter dollies can be towed behind a truck-tractor and semi-trailer.

D. Legal Weight Limitations

Bridge Length Formula Calculation

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

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

Non-Restricted Truck Route Roads = 105,500 pounds maximum gross vehicle weight

Restricted Truck Route Roads = 105,500 pounds maximum gross vehicle weight, except during spring weight restrictions

Class A and Class 1 Roads = 80,000 pounds maximum gross vehicle weight

1. Gross Vehicle Weight on the Truck Route System (See Appendix A)

- a. Non-Restricted truck routes are the routes marked in "Red" on the truck route map. These routes have the same weight restriction year-round.
- b. Restricted truck routes are the routes marked in "Blue" on the truck route map. These truck routes have road restriction reduction in weights during spring load restrictions.
- c. 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 otherwise designated. All maximum gross vehicle weights are subject to the Bridge Length Formula. Maximum gross vehicle weight is either the maximum allowed as per designation of the roadway or the bridge length formula calculation, whichever is the least amount of weight allowed.

2. Axle Weight (See Part XVI)

- a. Axles spaced 40" or less apart are considered one axle. Axles spaced 8' apart or over are considered as individual axles. Spacing between axles shall be measured from axle center to axle center.
- b. Axles spaced over 40" apart and less than 8' apart are considered to be an axle grouping.
- c. During spring load restrictions or on non-truck route streets, weights may be reduced. Axle weights may also be reduced by tire size or the bridge length axle limitations chart.

d. Legal Axle Weights (Also see Part XVI)

1) Legal Single Axle Weight

Non-Restricted Truck Route = 20,000 pounds
Class A Route = 18,000 pounds
Class 1 Route = 12,000 pounds

2) Legal Tandem Axle Weight

Non-Restricted Truck Route = 34,000 pounds
Class A Route = 32,000 pounds
Class 1 Route = 24,000 pounds

3) Legal Weight for 3 or More Axles in a Grouping

Non-Restricted Truck Route = 48,000 pounds
Class A Route = 42,000 pounds
Class 1 Route = 36,000 pounds

All Legal axle weights are subject to the Bridge Length Formula. Legal axle weight is either the maximum allowed as per designation of the roadway, tire allowance, or the bridge length formula calculation, whichever is the least amount of weight allowed.

Axle weights can never exceed the Manufacturer's "Axle Weight Rating" even with an Overdimensional Permit.

3. Wheel Weight

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

4. Tire Weight

The weight per inch width of tire shall not exceed 600 pounds on a non-divisible load single steering axle and 550 pounds on all other axles, or the Manufacturer's max rated load (max tire load ratings can never be exceeded, even with an Overdimensional Permit), whichever is less. The width of tire for solid tires shall be the rim width. The width of pneumatic tires shall be the manufacturer's width. Metric tire sizes are converted to inches by dividing millimeters by 25.4.

5. Road Damage Factors

- a. On a Class A road, a single axle 20% overload (3600 pounds) does over two times the damage as a legally loaded 18,000-pound single axle.
- b. On a Truck Route, a tandem axle 20% overload (6800 pounds) causes 2.25 times the damage as a legal tandem load of 34,000 pounds.
- c. During spring load restrictions damage factors increase by 5 times and road rutting is increase by 4 times the amount compared to normal conditions.
- d. It does not take twice the weight to do twice the damage. Keep your axle weights legal and protect our roads from damage.

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

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

Distance in feet between

The extremes of any groups of
 2 or more consecutive

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

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	34,000						
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	57,000				
15		47,500	52,000	57,500				
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	80,000	
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	80,000
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	Two consecutive sets of tandem axles may		66,000	70,500	75,500	81,000	86,500	92,500
37	carry a gross load of 34,000 pounds each		66,500	71,000	76,000	81,500	87,000	93,000
38	provided the overall distance between the first		67,500	72,000	77,000	82,000	87,500	93,500
39	and last axles of such consecutive sets of		68,000	72,500	77,500	83,000	88,500	94,000
40	tandem axles is 36 feet or more		68,500	73,000	78,000	83,500	89,000	94,500
41			69,500	73,500	78,500	84,000	89,500	95,000
42			70,000	74,500	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 residential streets		80,000*	83,500	88,000	93,500	98,500	104,000
58				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			
85					105,000			
86					105,500*			

*Maximum Gross Weight

CITY OF HORACE NON-RESTRICTED TRUCK ROUTE AXLE WEIGHT LIMITATIONS

Axles spaced 40" or less apart are considered one axle. Axles spaced 8' apart or over are considered as individual axles. The gross weight of two individual axles may be restricted by the weight formula except on non-restricted truck routes. Spacing between axles shall be measured from axle center to axle center.

The weight per inch width of tire shall not exceed 600 pounds on a non-divisible load single steering axle and 550 pounds on all other axles. 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. All axle weights may be further restricted by the Bridge Length Formula, legal weight is the least amount of pounds allowed by either the chart or the Bridge Length Formula.

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

Metric Tire Size	Tire Width in Inches	Metric Tire Size	Tire Width in Inches
245/75R22.5	9.6 inches	315/75R22.5	12.4 inches
255/70R22.5	10.0 inches	385/65R22.5	15.2 inches
265/75R22.5	10.4 inches	425/65R22.5	16.7 inches
275/80R22.5	10.8 inches	445/65R22.5	17.5 inches
285/75R24.5	11.2 inches	465/65R22.5	18.3 inches

Tire Size and Dimensional Definitions

13/80 R20

13 = Tire Width (inches)
 80 = Percent of tire width in comparison to height (not used as part of width)
 R = Radial
 20 = Rim Diameter (inches)

Tire Size and Dimensional Definitions

13.8 R 20

13.8 = Tire Width (inches)
 R = Radial
 20 = Rim Diameter (inches)

Minimum Tire Tread Depth Required for all Overdimensional Loads

- a. 2/32 minimum tread depth on pusher tires
- b. 4/32 minimum tread depth on steering tires

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 (“Spring load restrictions”) or any other time of the year when the street section is insufficient to handle the weights.

POLICY STATEMENT:

As authorized by section 13-1519 and 13-1523 of the City of Horace Municipal Code, the City of Horace will reduce allowable weights on streets under its jurisdiction that may be seriously damaged or destroyed by reason of deterioration, rain, snow, or other climatic conditions. Permits may not be issued for movements during spring load restrictions if the load could possibly damage the roadway. City of Horace may limit the amount of weight on any permitted load to reduce any possibility of damage to the roadway. During spring load restrictions damage factors increase by 5 times and road rutting is increase by 4 times the amount compared to normal conditions.

PROCEDURE:

- A. Listed below are the restricted road 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
Non-Restricted Truck Route	20,000 lbs.	34,000 lbs.	16,000 lbs. per axle not to exceed 48,000 lbs. gross weight on divisible loads	105,500 lbs. or the Bridge Length Formula if it is less
Class A	18,000 lbs.	32,000 lbs.	14,000 lbs. per axle not to exceed 42,000 lbs. gross weight on divisible loads	80,000 lbs. or the Bridge Length Formula if it is less
Class 1	12,000 lbs.	24,000 lbs.	12,000 lbs. per axle not to exceed 36,000 lbs. gross weight on divisible loads	80,000 lbs. or the Bridge Length Formula if it is less
Class 3	Cars and Trucks under 5-TON GVW only			

- B. A fee shall be added to all overweight permits issued on restricted streets as outlined in the overweight fee schedule, Section XVI and the Road Restriction Excessive Axle Weight Fee Schedule, Section II.F.
- C. During Spring Weight Restrictions, restricted truck routes will be posted either a Class A or Class 1 restriction, depending on the road condition.

D. Earthmoving Equipment and Fixed Vehicles

1. Earthmoving equipment, self-propelled or towed, that exceed legal and/or restricted axle weight limits shall not be permitted to drive or be towed on bituminous pavement during the period of Spring Load Restrictions.
2. Self-propelled fixed vehicles, such as rough terrain cranes, that exceed 650 pounds per inch width of tire and/or 30,000 pounds per axle shall not be permitted to drive on bituminous pavement during the period of Spring Load Restrictions.
3. Maximum Axle Weights that engineering can approve with an Overdimensional Permit if deemed necessary for non-divisible load movement during spring load restrictions. The following axle weights are based on four tires per axle.

Class	Single Axle	Tandem Axle	Triple Axle	Quad Axle	Five Axle
Non-Restricted Truck Route	26,540 #	42,120 #	54,600 #	57,960 #	72,454 #
Class A	23,900 #	39,700 #	47,800 #	54,000 #	67,620 #
Class 1	19,900 #	37,200 #	40,970 #	46,368 #	57,960 #

4. The City of Horace may approve weights that exceed the above chart Section II. E, if good cause is shown that more axles cannot be added, and weights have been reduced as much as possible for the movement of non-divisible vehicles or loads that exceed the maximum permissible axle weights during Spring Load Restrictions.
5. Axle weight fees shall be charged according to the "Road Restriction Excess Axle Weight Fee Schedule" in Section II. F.
6. Section III.B.6, "Repair/Service Policy for Overweight Loads" waiver of overweight fees shall be void when exceeding the axle weight limitations in the above chart Section II.E. during Spring Load Restrictions.
7. The maximum axle weight that may be permitted in excess of Section II.E. if deemed necessary by the City of Horace shall follow Section XVI.
8. Section X "Wind Tower Overdimensional Loads" honoring ND State Permits shall be void when exceeding the axle weight limitations in the above chart Section II.E. during Spring Load Restrictions.

E. ROAD RESTRICTION EXCESSIVE AXLE WEIGHT FEE SCHEDULE

Any vehicle in excess of the maximum permissible axle weight limitations according to the chart in Section II.E. shall be charged a fee according to the road restriction excessive axle weight fee schedule below.

POUNDS OVER AXLE GROUPING WEIGHT LISTED IN SECTION II.E.	OVERWEIGHT FEE
1-1,000	\$20.00
1,001-2,000	\$40.00
2,000-3,000	\$60.00
3,001-4,000	\$140.00
4,001-5,000	\$220.00
5,001-6,000	\$305.00
6,001-7,000	\$380.00
7,001-8,000	\$495.00
8,001-9,000	\$575.00
9,001-10,000	\$655.00
10,001-11,000	\$1,100.00
11,001-12,000	\$1,200.00
12,001-13,000	\$1,300.00
13,001-14,000	\$1,680.00
14,001-15,000	\$1,800.00
15,001-16,000	\$1,920.00
16,001-17,000	\$2,550.00
17,001-18,000	\$2,700.00
18,001-19,000	\$2,850.00
19,001-20,000	\$3,000.00
20,001-21,000	\$4,200.00
21,001-22,000	\$4,400.00
22,001-23,000	\$4,600.00
23,001-24,000	\$4,800.00
24,001-25,000	\$5,000.00
25,001-26,000	\$5,200.00
26,001-27,000	\$5,400.00
27,001-28,000	\$5,600.00
28,001-29,000	\$5,800.00
29,001-30,000	\$6,000.00

An additional fee of \$200.00 for every 1,000-pound increase over 30,000 pounds consistent with the formula above.

III. PERMITS FOR OVERDIMENSIONAL 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 13-1519 and 13-1523 of the City of Horace 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 City of Horace has the authority to reject any application for a movement that could be damaging to the roads or that could create an unsafe condition on the roads. The City of Horace has the authority to revoke all issued permits and deny subsequent applications, at its discretion, for violations of this policy. Permits may not be issued for movements during spring load restrictions, or any other time of the year that excessive rain or heat could increase the possibility of road damage.

PROCEDURE:

A. Permit Requirements

1. **Permits shall be submitted to the City of Horace 24 hours prior to the date of movement listed on the permit. A permit that has been signed by a Permit Issuing Official must be obtained prior to entering the City of Horace right of way.** A legible signed electronic or paper copy of the Overdimensional Permit must be carried in the vehicle, to which it refers prior to entering the City of Horace right of way and shall be presented for inspection by any peace officer or authorized employee of the City of Horace that issues Overdimensional Permits. Permits shall designate the route to be traveled and may contain such other restrictions as deemed necessary by the City of Horace. The City has the authority to revoke a permit if the holder violates or abuses the privilege or conditions of the permit or provides any false information on the permit form. The permittee is responsible for the accuracy on the permit form. Any violation, abuse, or false information voids the permit, subjecting the load or movement to an Extraordinary Road Use Fee that will be assessed at the legal gross vehicle weight of the traveled roadway, the legal axle weight, or the tire width allowance, whichever is the greater violation.
2. **General Travel Restrictions**
 - a. Overdimensional Permits shall not be valid for movements between sunset and sunrise, unless approved by the City of Horace, if special approval has been granted to move between sunset and sunrise it must be documented on the permit and section III.3b.1&2 shall apply to the movement.

- b. Overdimensional Permits for widths that are **14' or wider** or lengths **exceeding 119.99'**, or heights **exceeding 15'6"** will not be valid authorizing movements between the hours of **7:15am to 8:15am, 11:45am to 1:00pm, and 4:30pm-5:45pm**. The City may grant a special exemption to move during these times if it is determined to be necessary and if it is approved and noted on the permit.
- c. Overdimensional Permits will not be valid when inclement weather exists, visibility is poor, the roadway is slippery, or if any adverse road conditions exist. Contact the City of Horace if any of the above are in question and the City will determine if travel is allowed based on our assessment of street and weather conditions.
- d. Overdimensional Permits do not authorize travel or parking on shoulders of the roadway.
- e. Overdimensional Permits are not valid for parking or standing on any roadway.
- f. Overdimensional Permits apply to movement of one vehicle or one vehicle combination only.
- g. All permits require a minimum distance that is reasonable, prudent, and safe between vehicles in a convoy of two or more vehicles.
- h. Single trip permits shall be valid for a **one-way load movement** made within a **three-day period** listed on the permit. When a piece of equipment is unloaded at a project site and then reloaded to go to the next destination, a new permit must be obtained.

3. **General Safety Requirements**

- a. All overdimensional vehicles and loads shall have minimum 18" x 18" red or bright orange flags displayed on the traffic side front and rear.
- b. If approval has been granted to move equipment between sunset and sunrise vehicles must be equipped with the society of automotive engineers-approved class 1 lights and reflectors, in addition to those required in the North Dakota Century Code Chapter 39-21 and Code of Federal Regulations, Title 49, Part 393.
 - 1. Clearance lights and clearance reflectors must be visible from the front, rear, and side, marking the outermost portion of the vehicle and load which extends beyond 8 feet 6 inches.
 - 2. One rotating or two flashing amber lights shall be mounted above the cab and visible from the front and rear for a distance not less than five hundred feet under clear atmospheric conditions at night. If lights on the cab are not visible to the rear, additional flashing amber lights are required at the rear.

- c. When the overall length of an overdimensional movement exceeds 75 feet length and/or 8 feet 6 inches in width, there shall be at least an 18" x 60" **OVERSIZE LOAD** sign on the front and rear. The lettering shall be black on yellow background. Letters shall be at least 8" high with 1" brush stroke. When the movement is over length only, exceeding 75' in overall length, a **LONG LOAD** sign that is a minimum 12" x 60" may be used instead of the **OVERSIZE LOAD** sign. The lettering shall be black on yellow background. The letters shall be at least 8" high with 1" brush stroke. The sign shall be covered or removed when the movement is not overdimensional.
- d. 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. All loads shall be secured according to Federal Motor Carrier Safety Administration Regulations.
- e. Towing vehicle must have two mirrors to reflect a rear view of 200 feet to the driver.
- f. When the load extends beyond the bed or body of the vehicle or trailer to the rear by 4 feet or more, the overhang shall be marked at the extreme end of the load with a 12" x 12" red flag during the day and a red clearance light during the night, if approved to be moved at night and shall be visible at a distance of 500 feet.
- g. All commercial oversize vehicles must be equipped in accordance with the requirements and specifications of the Federal Motor Carrier Safety Regulations 49 CFR Parts 393 and 396.

4. **Official Escort Requirements**

- a. The City of Horace may require any overdimensional or overweight load to have an Official Police Escort depending on the size of the load and the route traveled. Official Police Escorts can be obtained by contacting the Truck Regulatory Officer at the Cass County Sheriff's Office at 701-241-5800 a minimum of 24 hours prior to movement. An additional fee may be required for an escort other than the Truck Regulatory Officer. The fee is set by the Cass County Sheriff's Office.
- b. Permit holders are required to have 1 pilot car following and an official police escort when the load reaches any one of the dimensions listed below.
 - 1. 16' in width or wider on a single lane road,
 - 2. 20' or wider on multi-lane roads
 - 3. 16' in height or higher on any roadway.

See Section IV for pilot car requirements.

5. General Size Limitations

- a. Overdimensional 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' in height must have written authority from utility companies to travel under overhead wires. Communication cables may be as low as 15'6", traffic signal lights hanging over the roadway may be as low as 16'.
 1. The City of Horace list of bridges with vertical clearances will be referred to when issuing all over height permits and may cause over height movements to be given special route restrictions.
 2. It is the permit applicant's responsibility to determine the vertical clearance.
- b. Towed vehicles, such as rock crushers or conveyors, are subject to single trip permits if the length of the towed vehicle exceeds 60'.
- c. If an overwidth trailer or semi-trailer is needed to transport an oversize or overweight load, only one single trip permit will be required for the round-trip movement. If an over length, modular type, semi-trailer is needed to transport an overweight load, only one single trip permit will be required for the round-trip movement.

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. Overdimensional 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. Overdimensional movements must satisfy the requirements of Federal Motor Carrier Safety Regulations 49 CFR Part 393.
- c. 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. Overweight loads must cross bridges/structures in the center lane at a rate of speed not to exceed 15 MPH.
- d. Vehicles manufactured after July 31, 2005, and with more than one variable load, suspension or lift axles shall have the lock or pressure regulator valve or both located outside the cab and inaccessible from the driver's compartment.
- e. **Overweight permits are not valid for movement on flexible bituminous pavements when the atmospheric temperature is 85° F or above.**
 1. Overweight loads that meet all tire and bridge length formula calculations for axle groupings may be granted an exception to move on asphalt if approved and noted on the Overdimensional Permit.

- f. The hauling of loads that exceed the legal limits is a privilege granted where the property hauled or moved cannot be stripped down. If the weight as allowed by the permit is in fact more than the weight of the property for which the permit is issued, no additional property can be loaded. The weight must be as little over the legal limits as stripping will allow.
- g. Misrepresentation by the applicant or his agent or any false information listed on the permit form makes the permit void.
- h. Vehicles/trailers and/or combinations or equipment thereof found carrying greater axle or gross weights as shown on the permit form shall be subject to extraordinary road use fees as stated in the City of Horace Overdimensional Policy and/or Horace Municipal Code.
- i. Any false information or using any roads not listed under "Via Streets" on the permit form or violating any conditions or requirements of the City of Horace Overdimensional Policy shall subject the load or equipment being moved to extraordinary road use fees as stated in the City of Horace Overdimensional Policy.
- j. The traffic sides of all oversize vehicles shall be marked plainly with red flags so that the clearance width and vehicle length are readily determinable to drivers of other vehicles. Such flags shall be a minimum 18" x 18".
- k. Vehicles of excessive width, while moving where it is difficult or hazardous for other vehicles to pass, shall provide flag persons 700 to 1500 feet ahead and to the rear, and as many other flag persons as are required to direct traffic safely. Mover must always allow traffic to pass at each crossroad or wherever a hazard develops.
- l. No movement of vehicles or equipment equipped with steel tires, cleats, blocks, studs, flanges, or spikes within the City right of way on the roadway even if it is covered in snow or ice.
- m. Permittees are responsible for verifying vertical clearance of all structures on route before starting movement. During spring break up watch for roadway heaving under structures. During winter conditions snow and ice buildup can reduce the clearance height of underpasses and structures.
- n. The permit applicant agrees to comply with all highway regulations, the City of Horace Overdimensional Vehicle Policy, to take all reasonable safety precautions and to be completely responsible for all personal and property damages whatsoever. Applicant further agrees to repair at his/her expense, and to the satisfaction of the City of Horace, all damages to streets or structures resulting from movement of the overdimensional load or equipment; such repair to be done in such manner as the City of Horace may elect. All overdimensional loads shall maintain the vehicle within the marked driving lane and shall be responsible for the safety of the traveling public and all public infrastructure.

- o. Axle weight limitations for vehicles and vehicle combinations, e.g., truck, truck-tractor and semi-trailer transporting a load or towaway, are subject to the following maximum permissible axle weights with an Overdimensional Permit:
1. 600 pounds per inch of tire width is allowed on the steering axle when:
 - a. The axle rating is greater than 20,000 pounds
 2. Single and tandem axle weights may not exceed 600 pounds per inch width of tire. A group of three or more axles may not exceed 550 pounds per inch width of tire. Metric tire sizes are converted to inches by dividing millimeters by 25.4.

Tire Size	Single Axle 2 Tires	Single Axle 4 Tires	Tandem Axle 4 Tires	Tandem Axle 8 Tires	Triple Axle 12 Tires	Quad Axle 16 Tires
8.2	9,840 #	19,680 #	19,680 #	39,360 #	54,120 #	*68,000 #
9	10,800 #	21,600 #	21,600 #	43,200 #	59,400 #	*68,000 #
10	12,000 #	*24,000 #	24,000 #	*45,000 #	*60,000 #	*68,000 #
11	13,200 #	*24,000 #	26,400 #	*45,000 #	*60,000 #	*68,000 #
285m(11.2)	13,440 #	*24,000 #	26,880 #	*45,000 #	*60,000 #	*68,000 #
295m(11.6)	13,290 #	*24,000 #	27,840 #	*45,000 #	*60,000 #	*68,000 #
12	14,400 #	*24,000 #	28,800 #	*45,000 #	*60,000 #	*68,000 #
315m(12.4)	14,880 #	*24,000 #	29,760 #	*45,000 #	*60,000 #	*68,000 #
13	15,600 #	*24,000 #	31,200 #	*45,000 #	*60,000 #	*68,000 #
14	16,800 #	*24,000 #	33,600 #	*45,000 #	*60,000 #	*68,000 #
365m(14.3)	17,160 #	*24,000 #	34,320 #	*45,000 #	*60,000 #	*68,000 #
15	18,000 #	*24,000 #	36,000 #	*45,000 #	*60,000 #	*68,000 #
385m(15.1)	18,120 #	*24,000 #	36,240 #	*45,000 #	*60,000 #	*68,000 #
16.5	19,800 #	*24,000 #	39,600 #	*45,000 #	*60,000 #	*68,000 #
425m(16.7)	20,040 #	*24,000 #	40,080 #	*45,000 #	*60,000 #	*68,000 #
17.5	21,000 #	*24,000 #	42,000 #	*45,000 #	*60,000 #	*68,000 #
18	21,600 #	*24,000 #	43,200 #	*45,000 #	*60,000 #	*68,000 #
20.5	*24,000 #	*24,000 #	*45,000 #	*45,000 #	*60,000 #	*68,000 #

*Maximums includes all tolerances

3. For all axle groupings of four axles or more, no axle shall exceed 19,000 pounds per axle.
 - a. On a group of four axles, the gross weight shall not exceed 68,000 pounds; on a group of five axles, the gross weight shall not exceed 85,000 pounds; and on a group of six axles, the gross weight shall not exceed 102,000 pounds.
- p. Axle weight limitations for self-propelled equipment mounted on a truck-type chassis.
 1. The following are the maximum permissible axle weights for fixed load equipment mounted on truck-type chassis such as truck cranes. Single and tandem axle weights may not exceed 650 pounds per inch width of tire; groupings with three or more axles may not exceed 550 pounds per inch width of tire. Metric tire sizes are converted to inches by dividing millimeters by 25.4.

Tire Size	Single Axle 2 Tires	Single Axle 4 Tires	Tandem Axle 4 Tires	Tandem Axle 8 Tires	Triple Axle 6 Tires	Triple Axle 12 Tires	Quad Axle 8 Tires	Quad Axle 16 Tires
8.2	10,660 #	21,320 #	21,320 #	42,640 #	27,060 #	54,120 #	36,080 #	*68,000 #
9	11,700 #	23,400 #	23,400 #	46,800 #	29,700 #	59,400 #	39,600 #	*68,000 #
10	13,000 #	26,000 #	26,000 #	*50,000 #	33,000 #	*60,000 #	44,000 #	*68,000 #
11	14,300 #	28,600 #	28,600 #	*50,000 #	36,300 #	*60,000 #	48,400 #	*68,000 #
285m(11.2)	14,560 #	29,120 #	29,120 #	*50,000 #	36,960 #	*60,000 #	49,280 #	*68,000 #
295m(11.6)	15,080 #	*30,000 #	30,160 #	*50,000 #	38,280 #	*60,000 #	51,040 #	*68,000 #
12	15,600 #	*30,000 #	31,200 #	*50,000 #	39,600 #	*60,000 #	52,800 #	*68,000 #
315m(12.4)	16,120 #	*30,000 #	32,240 #	*50,000 #	40,920 #	*60,000 #	54,560 #	*68,000 #
13	16,900 #	*30,000 #	33,800 #	*50,000 #	42,900 #	*60,000 #	57,200 #	*68,000 #
14	18,200 #	*30,000 #	36,400 #	*50,000 #	46,200 #	*60,000 #	61,600 #	*68,000 #
365m(14.3)	18,590 #	*30,000 #	37,180 #	*50,000 #	47,190 #	*60,000 #	62,920 #	*68,000 #
15	19,500 #	*30,000 #	39,000 #	*50,000 #	49,500 #	*60,000 #	66,000 #	*68,000 #
385m(15.1)	19,630 #	*30,000 #	39,260 #	*50,000 #	49,830 #	*60,000 #	66,440 #	*68,000 #
16.5	21,450 #	*30,000 #	42,900 #	*50,000 #	54,450 #	*60,000 #	*68,000 #	*68,000 #
425m(16.7)	21,710 #	*30,000 #	43,420 #	*50,000 #	55,110 #	*60,000 #	*68,000 #	*68,000 #
17.5	22,750 #	*30,000 #	45,500 #	*50,000 #	57,750 #	*60,000 #	*68,000 #	*68,000 #
18	23,400 #	*30,000 #	*46,800 #	*50,000 #	59,400 #	*60,000 #	*68,000 #	*68,000 #
20.5	26,650 #	*30,000 #	*46,800 #	*50,000 #	*60,000 #	*60,000 #	*68,000 #	*68,000 #
23.5	*30,000 #	*30,000 #	*46,800 #	*50,000 #	*60,000 #	*60,000 #	*68,000 #	*68,000 #

*Maximums includes all tolerances

2. The rear axles of a truck crane and the dollies mounted behind the truck crane are considered one combination. If a boom trailer or boom dolly is towed behind a truck crane, the towed trailer is considered a separate combination if the axles spacing is 8 feet or more behind the truck crane rear axle.
 - a. The gross weight of axles or axle groupings on trailers or dollies pulled behind truck cranes or other fixed load vehicles cannot exceed axles weight limitations.
3. For all axles groupings of four axles or more, no axle shall exceed 19,000 pounds per axle.
 - a. On a group of four axles, the gross weight shall not exceed 68,000 pounds; on a group of five axles, the gross weight shall not exceed 85,000 pounds; and on a group of six axles, the gross weight shall not exceed 102,000 pounds.
4. Fixed loads such as 4-tired all terrain cranes that exceed 650 pounds per inch width of tire must be moved under the earthmoving equipment conditions.

- 1) A copy of the ND Highway Patrol Oversized Permit, Cass County and West Fargo Permits shall be emailed to the City of Horace reuquest@cityofhorace.com, 24 hours prior to the load entering the City of Horace or moving on City roads. Failure to email a copy of the issued ND Highway Patrol Oversized Permit, Cass County and West Fargo Permits shall subject the owner and/or operator of the load to all fees, fines, penalties and/or processes contained in the Horace Municipal Code.
- 2) 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 Horace and the load remains on the City Truck Routes.
- 3) The origin and destination of a load is outside the City of Horace and the load remains on the City Truck Routes.
If any axle groupings are equal to or exceed the weights listed below a-e, then a City of Horace Overdimensional Permit is required. If an axle grouping or single axle has two tires, then check with the City of Horace to see if a permit is needed based on your tire size. The following axle weights are based upon four tires per axle:
 - a. Single Axle weight 25,000 pounds
 - b. Tandem Axle Weight 42,000 pounds
 - c. Triple Axle Weight 54,000 pounds
 - d. Quad Axle Weight 64,000 pounds
 - e. Five Axle Weight 80,000 pounds
- 4) The origin of the load is outside the City of Horace and the loads destination is the owner's primary place of business (i.e., shop/office) within the City of Horace and the load remains on the City Truck Routes.
- q. ND Highway Patrol Oversized Permits, Cass County and West Fargo Permits will not be honored by the City of Horace if the load requires an Official Police Escort under this policy. The combination of height, width, length, weight, and the route traveled by a load, may require the movement to have a City of Horace Overdimensional Permit.

7. Additional Conditions for all Overweight Movements

- a. Loads shall be broken down as follows, if requested by the City of Horace:
 - 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) Counterweights and buckets must be removed from backhoes and hauled separately.
 - 5) Transformers must be drained of oil.

- b. All movements are subject to approval by the City of Horace and may require a City of Horace Overdimensional Permit, even if a permit has been obtained from the ND Highway Patrol, Cass County, or from any other State, County, or City.
8. **Additional conditions for movement of overweight self-propelled earthmoving equipment such as scrapers, rubber-tired dozers, motor graders, and loaders. All equipment with tires that are 26.5 inches wide or greater shall fall into this classification, i.e., self-propelled rough terrain cranes.**
- a. The maximum permissible axle weight when roading earthmoving equipment on the truck route system is 36,000 pounds per axle or 550 pounds per inch width of tire per axle configuration, except as authorized by the City officials.
 - b. City engineers may authorize permits when the axle weights exceed allowed limits or 550 pounds per inch width of tire per axle configuration, up to a maximum of 52,000 pounds with an overweight charge. (See Part XVI)
 - c. Earth moving equipment is not allowed to be loaded with material when moving. Only one scraper may be towed behind a quad track or tractor.
 - d. Prior to roading self-propelled earthmoving equipment, tires shall be deflated when cold, to **30 pounds pressure** when traveling on flexible bituminous pavement. Cold means after the vehicle has been standing for several hours or overnight. Maximum speed for movement is **20 mph** and **a pilot car is required to follow**.
 - e. All restrictions and requirements of this permit policy apply to self-propelled earthmoving equipment movements.
9. **Liability of Permittee**
- a. The permittee, as a condition for obtaining an overdimensional 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 overdimensional vehicle or load covered by the permit while on public streets of the City of Horace.
 - b. The permittee agrees to indemnify and hold harmless the City of Horace, their officers, and employees from any and all claims resulting directly or indirectly from the movement of an overdimensional vehicle or load on any public street of the City of Horace.
 - c. The permittee is responsible for the accuracy on the permit form. Any violation, abuse, or false information voids the permit, subjecting the load or movement to an Extraordinary Road Use Fee that will be assessed at the legal gross vehicle weight of the traveled roadway, the legal axle weight, or the tire width allowance, whichever is the greater violation.

10. 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 roadway. Permits issued for these types of machines will be valid for multiple movements made within one 24-hour period, or a one-way movement made within a three-day period.
- b. Special mobile equipment shall include, but not limited to, the following vehicles:
 - 1) Work over rigs
 - 2) Truck cranes
 - 3) Concrete pump trucks
 - 4) Coil tubing trucks
 - 5) Concrete belt placer
- c. Special Mobile Equipment Requirements
 - 1) Special mobile equipment is subject to all axle, tire, and gross vehicle weight restrictions. Overweight fees are adjusted and allowed a maximum of 600 pounds on a non-divisible load single steering axle and 550 pounds on all other axles per inch width of tire per axle configuration, up to the maximum allowed by Part XVI. Weights in excess of the tire allowance shall be assessed a \$5 per 1000 pounds of additional weight per axle configuration. Gross vehicle weight shall follow Part XVI overweight fee schedule.
 - 2) During spring load restrictions and applications for a monthly permit; all special mobile equipment shall be charged according to the Part XVI overweight fee schedule for all axle configurations and gross vehicle weight. Weights exceeding Section II.E. during spring load restrictions shall be charged according to Section II.F.

B. Application Procedure

1. Single trip permits can be obtained from the City of Horace

- a. Permit requests shall be made in person, or via mail, and submitted a minimum of 24 hours prior to movement. Office hours are Monday thru Friday 8:00 am to 5:00 pm. Any movement on weekends must have the permit application emailed by Friday at 8:00 am. The City of Horace office is closed on the following Holidays:
New Year's Day, Martin Luther King Jr. Day, President's Day, Good Friday, Memorial Day, Independence Day, Labor Day, Veteran's Day, Christmas. When the holiday falls on a Saturday, the preceding Friday shall be the holiday. When the holiday falls on a Sunday, the following Monday shall be the holiday.
- b. The applicant must read the permit, fill out all information on the permit and sign the permit acknowledging the movement restrictions and requirements, and follow all City of Horace Overdimensional Policy conditions. A new permit form shall be filled out each time an application is made you will not be allowed to white out and re-fax an old permit that was issued.
- c. Permits shall be approved and signed by the City designees and shall be in possession of the driver prior to entering City limits or using any public roadway within the City of Horace this includes parking, being located on, loading or driving overdimensional equipment on any public road within the City of Horace right of way.
- d. Information required to obtain permits.
 - 1) Company name and address.
 - 2) Description of power unit: year, make, RGW, license number and state, tire sizes, and number of axles. Any vehicle that is permitted and does not have a license plate number, shall have the VIN number written in the License Box area on the permit form.
 - 3) Description of towed unit: type of unit, make and model, tire sizes, and number of axles. Includes full detailed description of load make model, and VIN/Serial # if the load has one.
 - 4) Overall dimensions of vehicle and load.
 - 5) Axle weights and gross weight of vehicles and load if an overweight permit is requested.
 - 6) Date of travel point of origin and destination, and desired route to be traveled.
- e. The applicant is responsible for the accuracy on the permit form. Any violation, abuse, or false information voids the permit, subjecting the load or movement to an Extraordinary Road Use Fee that will be assessed at the legal gross vehicle weight of the traveled roadway, the legal axle weight, or the tire width allowance, whichever is the greater violation.

2. Urgent Unanticipated Movements

When an urgent unanticipated situation arises, such as a breakdown of equipment or a water main or sewer service needs immediate repair and a permit form cannot be submitted prior to the 24-hour notification before the movement of an overdimensional load, you may call-in the movement of the load obtaining verbal approval, stating the Name of Company, Description of Load, Origin of Load, Destination of Load, Streets Used, Load Dimensions, Axle Weights and Gross Vehicle Weight. A permit for this load must then be filled out and emailed to the City of Horace by 9:00 a.m. the morning following the day of the movement or the City of Horace will treat it as a failure to obtain a permit. The City designee will determine what qualifies as an urgent movement, which includes the situations listed below see (6, 10, and 11).

3. Permit Fees

- a) \$20 for each single trip permit.
- b) Overweight fees as per the overweight fee schedule. (See Part XVI)
- c) Weights exceeding Section II.E. during spring load restrictions shall be charged according to Section II.F.
- d) Official, publicly owned, emergency, or military vehicles shall not be required to pay charges for permits. (No fee to commercial hauler doing charity hauling.) Military and commercial haulers doing charity work will still be required to obtain an Overdimensional/Overweight Permit.
- e) \$20 Repair/Service Fee with no overweight charge.
- f) \$50 per 30-day period for each 10% Winter Weight Exemption Permit.
- g) Monthly Permits are the cost of a single trip permit times a factor of 10. The cost for a monthly permit will vary depending on the cost of a single trip permit with the added overweight fees.
- h) \$50 plus overweight fees for each Monthly Snow Removal Permit.
- i) \$150 fee for each Seasonal Snow Removal Permit.
- j) \$500 fee for each Bridge Length Permit.
- k) \$500 fee for each Yearly Overwidth Permit.

4. Permits can be obtained from

City of Horace
215 Park Drive East,
Horace ND 58047
Phone Number: 701-492-2972
Email: request@cityofhorace.com
Website access: www.cityofhorace.com

5. On-site Weight Verification & Escort Service

Upon request, the City Truck Regulatory enforcement officer will provide escort services and on-site weight verification service prior to entering City streets to ensure the load is in compliance with the City of Horace Overdimensional Policy. Weight verification and escort service will require a 24-hour notice prior to moving. Movement of the Overdimensional load shall be scheduled when the Truck Regulatory Officer is available.

6. Repair/Service Policy for Overweight Loads

A permit is required for an overdimensional vehicle/equipment in need of repair/service. However, the overweight fee for moving the load shall be waived and only the \$20.00 permit fee shall apply. Equipment must be moved from the jobsite to the repair/service shop and then after repairs or service has been completed the equipment must be moved back to the original origin of the load. Equipment may be moved from the owner shop/place of business to the repair/service facility and then be brought back to the owner's shop/place of business after repairs or service has been completed. The repair/service policy does not apply if the equipment does not return to its original origin. The Applicant must write on the permit that the equipment is going in for "repairs or service". The permit will also be valid for the return/reverse route and movement back to the original origin. After services/repairs have been completed the permitted must email in the original approved/signed permit that was issued and write on the additional movement date that the load or equipment is moving back to the load's original origin.

7. Unloading Equipment

Unloading equipment on the street is prohibited unless deemed necessary by the City of Horace. If the City of Horace determines that unloading equipment on the street or that crossing a road with a piece of equipment is necessary permission may be obtained depending on circumstances determined to be valid by the City of Horace. The City of Horace will establish permit conditions of movement to ensure no damage is done to the street, curb, sidewalk, or anything else within the path of travel of the equipment.

- a. The applicant must indicate the size and type of load, area to be crossed, time frame, proposed procedures for minimizing the impacts on the road, and a traffic control plan which includes provisions for signing, flagging, detours, etc.
- b. The City of Horace shall determine what measures will have to be taken to protect the roadway. The measures may include the placing of planking, embankment, or other weight distributing techniques.
- c. The City of Horace will issue the permit detailing the roadway protection measures and the traffic control.
- d. The Horace Truck Regulatory Officer shall oversee the movement to ensure that all measures in the permit have been followed. The permittee shall schedule the movement according to an available time designated by the Truck Regulatory Officer.

8. Definitions

- a. **Non-Divisible Load** means a load which cannot be readily or reasonably dismantled, and which is reduced to a minimum practical size and weight.
- b. **Divisible Load** means a load which can be readily reduced or loaded to a legal weight. Examples are materials such as gravel, sand, concrete, dirt, snow, etc.

9. Permit Cancellation or Modification Policy

When circumstances delay the movement of an overdimensional load and the permittee needs to cancel or change the movement dates of an overdimensional permit, the permittee must call the City of Horace the last valid day of the approved 3-day movement dates on the overdimensional permit. Permittee will need the following to change the permit:

- a. A copy of the signed permit will need to be emailed in with the new dates changed and initialed by the permittee.
- b. Call and give an explanation why the permit needs to be cancelled, or the date changed.
- c. Any changes must be made by the last valid day of the approved 3-day movement date that the permit is valid for movement.
- d. If the load cannot be moved and it is after/before City of Horace office hours (8:00am-5:00pm Monday-Friday or Holidays), the permittee must then fax in the permit with a cover letter requesting the date change to the permit issued. The load dimensions and route must remain the same as approved on the permit to have a valid permitted movement.
- e. Failure to follow the above procedures listed under Permit Cancellation will result in the charge of the original permit issued and a requirement to obtain a second permit at full charge to move the load.
- f. There will be no cancellations or refunds once a permit has been issued for "10% Wintertime Weight Exemption Permits", "Monthly Overdimensional Permits", "Yearly Overwidth Permits", "Snow Removal Overdimensional Permits", or "Bridge Length Permits".

10. Situations Endangering the Public Health, Safety, or Welfare including but not limited to Flood, Fire, or Earthquake:

During a situation endangering the public health, safety, or welfare, there may be an urgent and immediate need for equipment, and it is not in the public interest to require an overdimensional permit be in the vehicle prior to an overdimensional movement. Verbal approval to proceed without an overdimensional permit in the vehicle may be obtained from the City of Horace or the Truck Regulatory Officer. After the movement is completed, a formal application for an overdimensional permit must be submitted to the City of Horace within 24 hours.

11. Movement After Dark, After Hours or Weekends/Holidays

If repair of an underground utility or service needs immediate repair and an overdimensional vehicle has to move to repair the service, the person moving the load may call in the overdimensional movement and get verbal approval to move during permit office hours. If it is after permit office hours and the service or utility needs immediate repair, a pre-approved load for utility/service repair may be moved. The pre-approved load must be the same truck, trailer and load that was pre-approved prior to movement. The pre-approved permit must be submitted prior to moving, but the load may be moved prior to receipt of the permit. The pre-approved overdimensional vehicle/load will be restricted to a maximum height, width, length, and weight in order to qualify, and route restrictions may be imposed. A pre-approved permit is a permit that is filled out and sent into the City of Horace for approval to use as an afterhours emergency load and then can be used throughout the calendar year for emergencies as per this section, it will be valid from January 1 to December 31 of a calendar year and must be re-approved every year. If special approval has been granted to move between sunset and sunrise it must be documented on the permit and section III.3b.1&2 shall apply to the movement.

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 oversized and overweight loads.

POLICY STATEMENT:

The City of Horace 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. The City of Horace may require any overdimensional movement to have a pilot car, depending on the size and the route being used.

PROCEDURE:

A. The following factors determine when pilot cars are required

1. Overwidth Movements

- 14.5'-15.99' in width on single lane roads = 1 pilot car leading
- 16' in width or wider on single lane roads = 1 pilot car following and 1 pilot car leading, and an official police escort
- 16'-19.99' in width on multi-lane roads = 1 pilot car following
- 20' or wider on multi-lane roads = 1 pilot car following and 1 pilot car leading, and an official police escort

2. Overlength Movements

- 120'-149.99' in length = 1 pilot car following
- 150' or longer in length = 1 pilot car following and 1 pilot car leading

3. Overheight Movements

- 15'-15.99' in height = 1 pilot car leading
- 16' or higher in height = 1 pilot car following and 1 pilot car leading, and an official police escort.

4. Overweight Movements

- a. All movements of self-propelled earthmoving equipment that are roaded shall have one pilot car follow the movement on all streets because of a **maximum speed limit of 20 miles per hour**.
 - b. The City of Horace may require one or two pilot cars on any overdimensional movement that exceeds the normal permissible weights and dimensions depending on the route traveled or other extenuating circumstances.
5. Combinations of 1, 2, 3, or 4 may require one or more pilot cars and/or an official police escort as determined by the City.

B. Pilot Car Requirements

1. All vehicles used as pilot cars must meet the following requirements:
 - a. The vehicle must be a passenger vehicle or 2-axle truck only and must be operated as a single unit only.
 - b. The vehicle must meet requirements of Title 39 NDCC.
 - c. The 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" in height and 60" 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" high and 1" 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).
 - g. When a pilot car is required to precede or follow each movement, it shall maintain a distance that is reasonable, prudent, and safe.
2. When operating in convoy, additional pilot cars will not be required.
3. OSHA does not require radio communication when escorting self-propelled earthmoving equipment.

V. 10 PERCENT WINTERTIME WEIGHT EXEMPTION PERMIT POLICY

PURPOSE:

To establish guidelines when 10 percent wintertime weight exemption permits can be issued. Permits will be valid between December 1 and March 7. If spring load restrictions become effective prior to March 7, the 10 percent wintertime weight exemption permit is cancelled.

POLICY STATEMENT:

The City may issue 10 percent wintertime weight exemption permits for divisible loads. The permits will contain restrictions as deemed necessary by the City of Horace. Permits may be revoked by the City when the holder violates or abuses any privilege or conditions of a permit or provides any false information on the permit.

PROCEDURE:

A. Axle Weight Limitations

1. Tire weight may not exceed 605 pounds (550 lbs. plus 10 percent) per inch width of tire.
2. Single axle weight (4 tires) may not exceed 22,000 pounds (20,000 lbs. plus 10 percent) on truck routes and 19,800 on Class A routes (18,000 lbs. plus 10 percent).
3. Tandem axle weight (8 tires) may not exceed 37,400 pounds (34,000 lbs. plus 10 percent) on truck routes and 35,200 pounds on Class A routes (32,000 lbs. plus 10 percent), (not to exceed 18,700 lbs. per axle).
4. Triple axle weight (12 tires) may not exceed 52,800 pounds (48,000 lbs. plus 10 percent) on truck routes and 46,200 pounds on Class A routes (42,000 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.

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.
2. The 10 percent wintertime weight exemption permit is not valid during spring load restrictions.

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 (GVW).
2. The GVW cannot exceed 105,500 pounds on the truck route system, and 88,000 pounds on Class A routes or 10% over the calculated weight of the vehicle's Bridge Length Formula.

E. Application Procedure

1. The fee for the 10 percent wintertime weight exemption permit is \$50 per vehicle per 30-day period. The permit can be obtained from the City of Horace. The permit will show the permissible weights and must be in possession when exceeding legal weight limits.
2. The wintertime 10 percent weight exemption will pertain to GVW, the axle configurations, tire widths, interior bridge, and exterior bridge.

VI. MONTHLY OVERDIMENSIONAL PERMIT POLICY

PURPOSE:

To allow for a permit that is valid for one month.

POLICY STATEMENT:

The City may issue a permit for eligible loads that is valid for one month. The permit will contain restrictions as deemed necessary by the City of Horace. Permits may be revoked by the City when the holder violates or abuses any privilege or conditions of a permit or provides any false information on the permit. **Monthly permits will not be valid for overweight loads during spring load restrictions.** Excessive height, width, length, and weight loads will not be able to obtain a monthly permit. Overdimensional loads are prohibited from entering construction/work zones within the City of Horace right of way where lanes are delineated, narrowed, or detoured by traffic cones, tubes or barrels, entering such a zone voids the permit. Special permission to enter such a zone may be granted in writing by a permit issuing official if it is determined that the load can travel safely thru the work zone or if the work zone is owned and maintained by the contractor or subcontractor.

PROCEDURE:

A. Monthly Permits

1. Fill out a permit the same as a single trip permit and list the "Movement From" and "Movement To" as **various locations**, list the "Via Street" used as **various streets**, list the "Date of Movement" as "Monthly xx/xx/20xx(start date)" the date you want to start the permit. The permit will be valid for one month after that the indicated start date.

B. Application Procedure

1. The fee for the monthly permit is a 10-factor multiplied by the cost of a single trip permit according to the Class A road use fee schedule. The permit can be obtained from the City of Horace. The permit shall show the permissible weights and dimensions and must be in possession when exceeding legal weight limits and dimensions. The permit will only be valid for the equipment it is permitted for, and the truck and trailer used to haul the equipment shall be the same as listed on the permit. Any vehicle that is permitted and does not have a license plate number, shall have the VIN number written in the License Box area on the permit form.

a. Example:

A single trip permit that has a total fee of \$20.

The \$20 single trip permit is used, and it is multiplied to a 10 factor.

$\$20 \times 10 = \200.00 for a permit that is valid for one month, except during spring weight restrictions. The cost for a monthly permit will vary depending on the cost of a single trip permit with the added overweight fees.

The monthly permit may be beneficial if the same piece of equipment is moved 10 times or more a month. The permittee will not have to submit a permit application 24 hours in advance of each movement. The monthly permit shall be subject to all regulations and restrictions in the Overdimensional Policy.

C. Other

1. The maximum weight permissible is 10% over the legal axle weight or axle grouping weight for a Class A road.
 - a. Single Axle is permitted up to 19,800 pounds
 - b. Tandem Axle is permitted up to 35,200 pounds
 - c. Triple Axle is permitted up to 46,200 pounds
 - d. Quad Axle is permitted up to 61,600 pounds
 - e. 5 Axle group is permitted up to 77,000 pounds
2. The Horace Park District, Public and State Schools, and the Railroad may be approved for monthly permits that exceed 10% over legal axle weights, if approved by the City of Horace.
3. Monthly Permits are not valid for any overweight movement on asphalt roads when the atmospheric temperature is 85 degrees Fahrenheit or greater unless it meets all tire and bridge length calculations for axle groupings and is approved and noted on the permit form.
4. Maximum tolerances for height, width and length shall be as follows:
 - a. Maximum Height is 14'
 - b. Maximum Width is 13.99'
 - c. Maximum Length is 75'
5. All special mobile equipment shall be charged according to the Part XVI overweight fee schedule for all axle configurations and gross vehicle weight for a monthly permit.

VII. YEARLY OVERWIDTH PERMIT POLICY

PURPOSE:

To allow for a permit that is valid for one calendar year for Overwidth only loads.

POLICY STATEMENT:

The City may issue an overwidth permit for eligible loads that is valid for one year. The permit will contain restrictions as deemed necessary by the City of Horace. Permits may be revoked by the City when the holder violates or abuses any privilege or conditions of a permit or provides any false information on the permit. Overwidth loads that are 13.99' or less in width will be able to obtain a yearly overwidth permit.

PROCEDURE:

A. Yearly Overwidth Permits

1. Fill out a permit the same as a single trip permit and list the "Movement From" and "Movement To" as **various locations**, list the "Via Street" used as **various streets**, list the "Date of Movement" as "Overwidth 20xx". The permit will be valid for one calendar year starting January 1, at 12:01am and expires December 31, at 11:59 pm.

B. Application Procedure

1. The fee for the yearly permit is \$500. The permit can be obtained from the City of Horace. The permit shall show the permissible width and must be in possession when exceeding legal width. The permit will only be valid for the equipment it is permitted for, and the truck and trailer used to haul the equipment shall be the same as listed on the permit. Any vehicle that is permitted and does not have a license plate number, shall have the VIN number written in the License Box area on the permit form. Each Motor Vehicle shall be required to have a separate yearly permit and is allowed to pull different trailers with the power unit, all trailers pulled must be listed on the permit.
2. Requests for a Yearly Permit shall be made to the City of Horace. An application for a Yearly permit shall be completed as follows:
 - a. Owner's name, address, telephone, and email address.
 - b. Vehicle description: year, make, model, serial number, license number, assigned unit number and registered gross vehicle weight.
 - c. Description of load, trailers and License numbers of trailers and overall width.

C. Other

1. The Yearly Permit will be issued to vehicles that qualify and are approved by the City of Horace for moving overwidth loads that are 13.99' or less in width. The annual fee is \$500. The Yearly Permit expires December 31, 11:59 pm of the year it is issued. The yearly permit shall be subject to all regulations and restrictions in the Overdimensional Policy.
2. Overwidth loads are prohibited from entering construction/work zones within the City of Horace right of way where lanes are delineated, narrowed or detoured by traffic cones, tubes or barrels, entering such a zone voids the permit. Special permission to enter such a zone may be granted in writing by a permit issuing official if it is determined that the load can travel safely thru the work zone or if the work zone is owned and maintained by the contractor or subcontractor.

VIII. SNOW REMOVAL OVERDIMENSIONAL PERMIT POLICY

PURPOSE:

Policy is written due to the width of snow removal equipment and the inability to have a police escort or pilot cars when inclement weather exists while the snow removal equipment needs to move. This policy allows for a permit that is valid for snow removal. This permit shall be used only for the purpose of snow removal.

POLICY STATEMENT:

The City may issue a permit for the purpose of snow removal. Permits may be obtained for one month or one snow season. The permit will contain restrictions deemed necessary by the City of Horace. Permits may be revoked by the City if the holder violates or abuses any privilege or condition of a permit or provides any false information on the permit. **Snow Removal permits will not be valid during spring load restrictions for any overweight equipment.**

PROCEDURE:

A. Monthly Snow Removal Permits

Fill out a permit the same as a single trip permit and list the "Movement From" and "Movement To" as **various locations**, list the "Via Streets" used as **various streets**, list the "Date of Movement" as the date you want to start the permit, and it will be valid for one month after that date. Applicant must write on the permit that the equipment will be used for "snow removal". If the snow removal equipment does not have a license plate number, the permittee must list the VIN number in the License Box area on the permit form. The snow removal permit shall only be valid for the piece of equipment with the matching VIN or license number on the permit form. The fee for the Monthly Snow Removal Permit is \$50 plus any overweight fees. The permit can be obtained from the City of Horace. The permit shall show the permissible weights and dimensions and shall be in possession when exceeding legal weight limits and dimensions. The permit will only be valid for the equipment it is permitted for on the permit. Snow Removal Permits can be obtained for any overdimensional equipment used for snow removal.

B. Seasonal Snow Removal Permits

Fill out a permit the same as a single trip permit and list the "Movement From" and "Movement To" as **various locations**, list the "Via Streets" used as **various streets**, list the "Date of Movement" as "Seasonal". Seasonal Snow Removal Permits shall be valid from October 1 thru April 30 of one snow season. Applicant must write on the permit that the equipment will be used for "snow removal". If the snow removal equipment does not have a license plate number, the permittee must list the VIN number in the License Box area on the permit form. The snow removal permit shall only be valid for the piece of equipment with the matching VIN or license number on the permit form. The fee for the Seasonal Snow Removal Permit is \$150. The permit can be obtained from the City of Horace. The permit shall show the permissible dimensions and shall be in possession when exceeding legal dimensions. The permit will only be valid for the equipment it is permitted for on the permit. Seasonal Snow Removal Permits can be obtained for any overwidth equipment used for snow removal that does not exceed legal weights.

C. Snow Removal Permit Conditions

1. Any snow removal equipment that is over 10' in width will require a permit when moving, however they will not be required to have a pilot car. Any overdimensional snow removal equipment that is 16'-22' in overall width does not need to have an Official Police Escort or pilot car, provided that the equipment stays on multi-lane roads while traveling on City roads. The owner of the load will be able to use a single lane road to access the multi-lane road if the single lane road is the direct path from the owner's place of business to the multi-lane road. The snow removal equipment will also be able to use a single lane road if the road being traveled on is within 1000 feet of the multi-lane road and is the direct path to the area where snow removal is being performed.
2. If the snow removal equipment exceeds 15.99' in width and is traveling on a single lane road and doesn't meet the conditions set forth in the above C-1 condition then the snow removal permit will not be valid and the movement will be subject to approval by the City of Horace and will need to obtain a single trip Overdimensional Permit, and will require either the removal of the wide bucket, (to be hauled separately on a trailer) or have an Official Police escort.
3. The equipment being moved shall not exceed a maximum speed limit of **25 MPH**.
4. All movements shall be in compliance with the City of Horace Overdimensional Policy.
5. Permits shall not be valid between the hours of 7:15am to 8:15am, 11:45am to 1:00pm, and 4:30pm to 5:45pm.
6. 18" x 18" red or fluorescent orange flags shall be mounted near the extremities of the blade or snow pusher; OVERSIZED LOAD signs will not be required on snow removal equipment when roaded.
7. When moving equipment between sunset and sunrise and when inclement weather exists, or visibility is poor vehicles must be equipped with the society of automotive engineers-approved class 1 lights and reflectors, in addition to those required in the North Dakota Century Code Chapter 39-21 and Code of Federal Regulations, Title 49, Part 393.
 - a. Clearance lights and clearance reflectors must be visible from the front, rear, and side, marking the outermost portion of the vehicle and load which extends beyond 8 feet 6 inches.
 - b. One rotating or two flashing amber lights shall be mounted above the cab and visible from the front and rear for a distance not less than five hundred feet under clear atmospheric conditions at night. If lights on the cab are not visible to the rear, additional flashing amber lights are required at the rear.
8. Snow Removal Permits for any overweight equipment are valid November 1 until spring load restrictions are in effect.
9. Snow removal equipment must yield to oncoming traffic.

IX. MANUFACTURED HOUSING OVERDIMENSIONAL POLICY

A. Mobile Home Requirements

1. No travel if wind velocity exceeds 25 mph
2. When moving mobile homes and modular units with an overall width exceeding 14 feet 6 inches including overhang, lighted flashing amber lights will be required on the front of the towing vehicle and on the rear of the mobile home or modular unit. The lights must be at least 4 inches in diameter and be visible for a minimum of 500 feet.
3. Must have **OVERSIZED LOAD** signs at the front end or roof line of the towing vehicle and at the rear end of the mobile home or modular unit. Both signs must be at least 12 inches in height and 60 inches in length. The letters shall be at least 8 inches high with 1-inch brush stroke. The lettering shall be black on a yellow background. **OVERSIZED LOAD** sign and lights can be in front of the towing vehicle or on the top of the cab. All **OVERSIZED LOAD** signs must be covered or removed from the pilot car or towing unit when not being used.
4. Tow Vehicle Requirements
 - a. The tow vehicle must be equipped in accordance with the requirements and specifications of Parts 393 and 396 of 49CFR.
 - b. The tow vehicle shall be equipped with at least one drive axle with 4 tires.
 - c. The tow vehicle wheelbase shall be a minimum of 100 inches.
 - d. The tow vehicle shall have 2 outside mirrors, one on each side, to reflect a rear view of 200 feet to the driver.
 - e. The tow vehicle must be a registered vehicle. Vehicles such as a farm tractor cannot be used as a tow vehicle.
 - f. The rated gross vehicle weight of the tow vehicle shall be based on the base width of the manufactured housing which it is transporting as follows:
 1. MFG House Width 10 feet or less shall have a tow unit of a minimum 6,000 pounds GVW rating
 2. MFG House Width 10 to 12 feet shall have a tow unit of a minimum 8,000 pounds GVW
 3. MFG House Width greater than 12 feet shall have a tow unit of a minimum 9,000 pounds GVW

X. WIND TOWER OVERDIMENSIONAL LOADS

PURPOSE:

To establish guidelines when Wind Towers are transported through the City of Horace, to ensure the safety of the loads being moved and of the traveling motorists that are affected by the overdimensional movement.

POLICY STATEMENT:

Due to the combination of excessive height, width, length, and weight of wind tower loads traveling through the City of Horace and the traffic they affect when moving, we have placed special conditions on transporting these loads on City roads. Wind tower loads are not able to obtain a monthly permit.

CONDITIONS AND RESTRICTIONS:

1. The City of Horace will honor ND Highway Patrol Oversized-Overweight Permits for loads that are transported through the City of Horace less than 16' in height and will not require a City of Horace Overdimensional Permit as long as the following conditions are met: **A copy of the Transporter's ND Highway Patrol Oversized-Overweight Permit must be emailed to the City of Horace 24 hours prior to entering Horace City limits. Permits shall be emailed to request@cityofhorace.com.** All information on the ND Highway Patrol Oversized- Overweight Permit shall be accurate. Any inaccurate information listed on the ND Highway Patrol Oversized-Overweight Permit will void the North Dakota Highway Patrol permit. The City of Horace will not honor a voided North Dakota Highway Patrol permit and the transported load and vehicle shall be subject to all fees, fines, penalties and/or processes contained in the Horace Municipal Code including the City of Horace extraordinary road fee schedule as authorized by Article 13-1519 and 13-1523 of the City of Horace Municipal Code.
2. If the height of the load being transported is equal to or greater than **sixteen (16)**' a City of Horace Overdimensional Permit is required. A police escort is required, and a permit fee will apply even if a ND Highway Patrol Oversized-Overweight Permit is obtained.
3. If any axle groupings are equal to or exceed the weights listed below a-e, then a City of Horace Overdimensional Permit is required. If an axle grouping or single axle has two tires, then check with the City of Horace to see if a permit is needed based on your tire size. The following axle weights are based upon four tires per axle:
 - a. Single Axle weight 25,000 pounds
 - b. Tandem Axle Weight 42,000 pounds
 - c. Triple Axle Weight 54,000 pounds
 - d. Quad Axle Weight 64,000 pounds
 - e. Five Axle Weight 80,000 pounds

4. **Notwithstanding the ND Highway Patrol Permit, wind tower loads may not be transported through the City of Horace City limits between 7:15am to 8:15am, 11:45am to 1:00pm, and 4:30pm to 5:45pm.** Any transportation of a wind tower load through the City of Horace at these times will be a violation, and the load and vehicle shall be subject to all fees, fines, penalties and/or processes contained in the Horace Municipal Code including the City of Horace extraordinary road fee schedule as authorized by Article 13-1519 and 13-1523 of the City of Horace Municipal Code.
5. The load being transported within the City of Horace City Limits shall not exceed a **maximum speed limit of 25 MPH** and must have **one pilot vehicle precede** the load and **one pilot vehicle follow** the load being transported. Violation of any of these conditions/restrictions shall subject the load to the City of Horace extraordinary road fee schedule as authorized by Article 13-1519 and 13-1523 of the City of Horace Municipal Code.

ADDITIONAL CONDITIONS FOR WIND TOWER MOVEMENTS

1. If the load being transported through the City of Horace is less than **sixteen (16)'** in height the transporter is not required to obtain a City of Horace Overdimensional Permit. The load will only need a **ND Highway Patrol Oversized-Overweight Permit**. All non-compliance loads and vehicles shall be subject to all fees, fines, penalties and/or processes contained in the Horace Municipal Code including the City of Horace extraordinary road use fee schedule as authorized by Article 13-1519 and 13-1523 of the City of Horace Municipal Code.
2. All loads being transported shall be in compliance with the **City of Horace Overdimensional Policy** and the ND Highway Patrol Oversized and Overweight Policy. Any violation of the conditions and restrictions on wind tower loads items 1-5 and/or the **City of Horace Overdimensional Policy** shall subject the load being transported to the City of Horace extraordinary road use fee schedule as authorized by Article 13-1519 and 13-1523 of the City of Horace Municipal Code. A copy of the City of Horace Overdimensional Policy may be obtained by calling 701-492-2972 or by downloading it at: www.cityofhorace.com

If any of the above conditions and restrictions cannot be, or are not met, the transporter will be required to obtain a City of Horace Overdimensional Permit. If an Overdimensional Permit is not obtained, the Transporter will be subject to all fees, fines, penalties and/or processes contained in the Horace Municipal Code.

The applicant is responsible for the accuracy on the permit form. Any violation, abuse, or false information voids the permit, subjecting the load or movement to an Extraordinary Road Use Fee that will be assessed at the legal gross vehicle weight of the traveled roadway, the legal axle weight, or the tire width allowance, whichever is the greater violation.

It is our hope we all can work together and follow the restrictions imposed and get the wind tower loads moved through the City of Horace safely, and with the least amount of impact on our traveling public.

XI. BRIDGE LENGTH PERMIT POLICY

PURPOSE:

To establish guidelines when permits will be issued for legal size divisible load vehicles exceeding axle weight limitations allowed within the City of Horace City limits.

POLICY STATEMENT:

The City may issue Bridge Length permits for the transportation of divisible loads. The permits will contain restrictions as deemed necessary by the City of Horace. The City of Horace has the authority to inspect the vehicles and permits may be revoked by the City when the holder violates or abuses any privilege or conditions of a permit or provides any false information on the permit.

PROCEDURE:

A. Vehicle Requirements

1. Vehicles must have a sufficient number of axles and bridge lengths for gross vehicle weights as shown on the Bridge Length Axle Weight Limitations Chart.
2. No tire shall exceed 550 pounds per inch width of tire.
3. On a vehicle equipped with more than 4 axles, additional axles shall be steerable, castering, or pivoting axles.
4. Vehicles manufactured after July 31, 2005, and with more than one variable load, suspension or lift axles shall have the lock or pressure regulator valve or both located outside the cab and inaccessible from the driver's compartment.
5. Tires and axle weights must be legal.
6. The maximum gross vehicle weight may not exceed 105,500 pounds on the non-restricted truck route system, and 80,000 pounds on the non-truck route system. All maximum gross vehicle weights are subject to the Bridge Length Formula. Maximum gross vehicle weight is either the maximum allowed as per designation of the roadway or the bridge length formula calculation, whichever is the least amount of weight allowed.
7. Vehicles must be registered for the gross weight of the vehicle and load.

B. Travel Restrictions

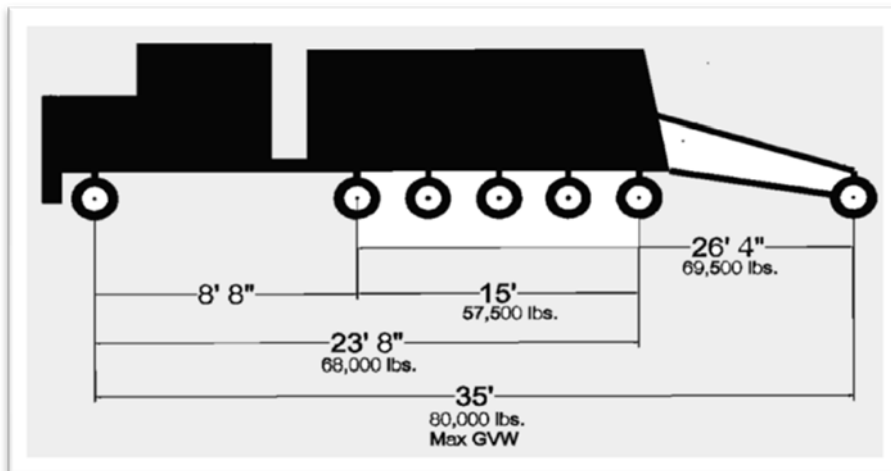
1. Permit must be in possession prior to starting any movement.
2. Bridge Length Permits are not valid during spring weight restrictions.
3. The Bridge Length Permit cannot be used in conjunction with the 10 percent wintertime weight exemption permit.

C. Application Procedure

1. Requests for a Bridge Length Permit shall be made to the City of Horace. An application for a bridge length permit shall be completed as follows:
 - a. Owner's name, address, telephone, and email address.
 - b. Vehicle description: year, make, model, serial number, license number, assigned unit number and registered gross vehicle weight.
 - c. Number of axles, axle spacing, number of tires and tire size.
 - d. Approved weight.
2. The Bridge Length Permit will be issued to vehicles that qualify and are approved by the City of Horace for the axle weight exemption. The annual fee is \$500.
3. The annual Bridge Length Permit expires December 31 of the year it is issued. Bridge Length Permits will not be valid during spring weight restrictions.

Vehicles approved for the Bridge Length Permit are subject to inspection and weighing at the discretion of any peace officer or City designee. Alteration of equipment previously approved for exemption voids the Bridge Length Permit.

Sample Permit Truck that can be approved for Bridge Length Permit



Steering Axle = 16.7" tires = 18,370 lbs. or Manufacturer's rated tire weight, whichever is less.
Stinger Single Axle = 11" tires = 12,100 lbs. or Manufacturer's rated tire weight, whichever is less.
5 Axle Grouping = 57,500 lbs. with bridge permit, depends on the spacing of the individual axles within the 5-axle grouping – 48,000 lbs. Truck Route/42,000 lbs. Non-Truck Route without bridge permit.

Tire Width = No tire shall exceed 550 lbs. per inch width of tire.

Maximum Gross Vehicle Weight = No Vehicle shall exceed 80,000 lbs. on Class A and Class 1 roads and 105,500 lbs. on the Truck Route system. All maximum gross vehicle weights are subject to the Bridge Length Formula. Maximum gross vehicle weight is either the maximum allowed as per designation of the roadway or the bridge length formula calculation, whichever is the least amount of weight allowed.

City of Horace Bridge Length Axle Weight Limitations Chart

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

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

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

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	34,000						
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	57,000				
15		47,500	52,000	57,500				
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	80,000	
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	80,000
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	Two consecutive sets of tandem axles may		66,000	70,500	75,500	81,000	86,500	92,500
37	carry a gross load of 34,000 pounds each		66,500	71,000	76,000	81,500	87,000	93,000
38	provided the overall distance between the first		67,500	72,000	77,000	82,000	87,500	93,500
39	and last axles of such consecutive sets of		68,000	72,500	77,500	83,000	88,500	94,000
40	tandem axles is 36 feet or more		68,500	73,000	78,000	83,500	89,000	94,500
41			69,500	73,500	78,500	84,000	89,500	95,000
42			70,000	74,500	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 residential streets		80,000*	83,500	88,000	93,500	98,500	104,000
58				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			
85					105,000			
86					105,500*			

*Maximum Gross Weight

XII. IMPLEMENTS OF HUSBANDRY

PURPOSE:

To establish guidelines for movements of Overdimensional Implements of Husbandry within the City Limits of the City of Horace, to ensure the safety of the traveling motorists that are affected by the overdimensional movement.

DEFINITIONS:

“Implement of Husbandry” means every vehicle designed and adapted exclusively for agricultural, horticultural, or livestock-raising operations or for lifting or carrying an implement of husbandry. Implements of Husbandry must be moved by resident farmers, ranchers, governmental entities, dealers, or manufacturers between sunrise and sunset.

POLICY STATEMENT:

Due to the combination of excessive height and width, of some implements of husbandry traveling through the City of Horace and the traffic they affect and safety hazards they impose when moving, we have placed special conditions on transporting or moving these loads on City roads.

PROCEDURE:

A. Implements of Husbandry Requirements

1. Any Implement of Husbandry that exceeds 14’ 6” in width or 15’ 6” in height will require a City of Horace Overdimensional Permit to move within the City of Horace. Permits must be in possession prior to starting any movement. They will contain such other restrictions as deemed necessary by the Permit Issuing Official.
 - a. Width Exemptions that do not require a permit:
 1. Implements of Husbandry 14’6”-20’ in width on multi-lane roads
 2. Implements of Husbandry that exceed 14’6” on single lane roads but do not cross the center line or travel on the unpaved section of the roadway.
2. The City of Horace has the authority to inspect the vehicles and permits may be revoked by the City when the holder violates or abuses any privilege or conditions of a permit or provides any false information on the permit.
3. The permit fee for all implements of husbandry is waived unless a police escort is required in which case a \$20 fee will apply. If the overdimensional implement of husbandry is moved without the required police escort, the vehicle shall be subject to all fines and any extraordinary road use fees that apply.

4. General Travel Restrictions

- a. Permits shall not be issued or valid for overdimensional movements between sunset and sunrise, unless approved by the City of Horace and the vehicle is properly lighted as per general safety requirements.
- b. Permits shall follow all the restrictions set forth in section III-2 "General Travel Restrictions" in the overdimensional policy.

5. General Safety Requirements

- a. Overwidth movements that exceed 10' in width shall have a minimum 18" x 18" red or bright orange flags displayed on the traffic side front and rear.
- b. Must yield one-half of the roadway to other traffic at all times.
- c. Overwidth movements that are authorized to travel between sunset and sunrise shall meet the lighting requirements as provided for in the North Dakota Century Code Chapter 39-21 and section III.3b.1&2 shall apply to the movement.

XIII. GOVERNMENT ENTITY SNOW REMOVAL OVERSIZE AND OVERWEIGHT MOVEMENTS

PURPOSE:

To establish a policy for emergency movement authorization on the City of Horace road system of oversized and overweight Government Entity snow removal equipment moved by the City of Horace, surrounding Municipalities, Counties, States, Military and Government Entity Contracted.

DEFINITIONS:

“Government Entity Snow Removal Equipment” means every vehicle designed for and being actively used for snow and ice removal on public roadways by the City of Horace and entities of the City of Horace, surrounding Municipalities, Counties, States and entities of the State, Military, or Private Entities that have been contracted by the State, County, or Local Government. Equipment shall be those loaded with salt, sand, chemicals or a combination thereof, with or without a plow or blade attachment being used for the purpose of spreading the material on public roads that are or may become slick or icy or removal of snow on public roadways.

POLICY STATEMENT:

Due to the safety hazards that slick, icy or snow covered roads impose to the traveling public, the City of Horace has established this policy in accordance with CFR Title 23 658.5, CFR Title 49 390.3.f.2 and North Dakota Highway Patrol Policy 9-18 Letter C Number 2.

PROCEDURE:

- A. Authority for partial exemption to the City of Horace Overdimensional Policy has been granted by the City of Horace for the following movements.
 - 1. Government Entity snow removal equipment and loads are not required to have Overdimensional Permits.
 - a. Government Entity snow removal equipment is exempt from time travel restrictions and is authorized to travel between sunset and sunrise.
 - b. Government Entity snow removal equipment is exempt from all general and safety travel restrictions, conditions, pilot car requirements, Police escorts, and Section VIII Snow Removal Overdimensional Permit Policy.
 - 2. Government Entity snow removal equipment shall be treated as a non-divisible load and shall stay within the max weight that can be permitted according to Section XVI.

XIV. GOVERNMENT ENTITY OVERSIZE AND OVERWEIGHT MOVEMENTS

PURPOSE:

To establish a policy for movement authorization on the City of Horace road system of oversized and overweight Government Entity equipment moved by the City of Horace, surrounding Municipalities, Counties, States, and Military.

DEFINITIONS:

“Government Entity Equipment” means every vehicle and load used on public roads by the City of Horace, surrounding Municipalities, Counties, States, and Military.

POLICY STATEMENT:

The City of Horace has established this policy in accordance with CFR Title 49 390.3.f.2.

PROCEDURE:

- A. Authority for partial exemption to the City of Horace Overdimensional Policy has been granted by the City of Horace for the following movements.
 - 1. Government Entity equipment and loads are not required to have Overdimensional Permits.
 - a. Government Entity equipment is exempt from time travel restrictions and is authorized to travel between sunset and sunrise.
 - b. Government Entity equipment is exempt from all general and safety travel restrictions, conditions, pilot car requirements, Police escorts.
 - 2. Government Entity equipment shall stay within the legal weight allowed for a divisible load.

XV. EXTRAORDINARY ROAD USE FEE SCHEDULE

Any vehicle found in excess of the weight limitations imposed without a permit shall be charged a fee according to the extraordinary road use fee schedule as authorized by Article 13-1519 and 13-1523 of the City of Horace Municipal Code, restated below.

POUNDS OVER LEGAL WEIGHT	OVERWEIGHT FEE
1-1,000	\$20.00
1,001-2,000	\$40.00
2,000-3,000	\$60.00
3,001-4,000	\$140.00
4,001-5,000	\$220.00
5,001-6,000	\$305.00
6,001-7,000	\$380.00
7,001-8,000	\$495.00
8,001-9,000	\$575.00
9,001-10,000	\$655.00
10,001-11,000	\$1,100.00
11,001-12,000	\$1,200.00
12,001-13,000	\$1,300.00
13,001-14,000	\$1,680.00
14,001-15,000	\$1,800.00
15,001-16,000	\$1,920.00
16,001-17,000	\$2,550.00
17,001-18,000	\$2,700.00
18,001-19,000	\$2,850.00
19,001-20,000	\$3,000.00
20,001-21,000	\$4,200.00
21,001-22,000	\$4,400.00
22,001-23,000	\$4,600.00
23,001-24,000	\$4,800.00
24,001-25,000	\$5,000.00
25,001-26,000	\$5,200.00
26,001-27,000	\$5,400.00
27,001-28,000	\$5,600.00
28,001-29,000	\$5,800.00
29,001-30,000	\$6,000.00

An additional fee of \$200.00 for every 1,000-pound increase over 30,000 pounds consistent with the formula above.

XVI. OVERWEIGHT PERMIT FEE SCHEDULE



City of Horace
215 Park Drive E. | PO Box 99
Horace, ND 58047
Phone: (701) 492-2972
E-mail: request@cityofhorace.com
www.cityofhorace.com

Fee schedule for weights exceeding restricted gross vehicle weight
(Weights to be rounded off to the nearest ton)

GVW	TRUCK ROUTE	CLASS A	CLASS 1	CLASS 2
66,000	-	-	-	\$5
68,000	-	-	-	\$10
70,000	-	-	-	\$15
72,000	-	-	-	\$20
74,000	-	-	-	\$25
76,000	-	-	-	\$30
78,000	-	-	-	\$35
80,000	-	-	-	\$40
82,000	-	-	-	\$45
84,000	-	-	-	\$50
86,000	-	-	-	\$55
88,000	-	-	-	\$60
90,000	-	-	-	\$65
92,000	-	-	\$5	\$70
94,000	-	-	\$10	\$75
96,000	-	-	\$15	\$80
98,000	-	-	\$20	\$85
100,000	-	-	\$25	\$90
102,000	-	-	\$30	\$95
104,000	-	-	\$35	\$100
106,000	-	-	\$40	\$105
108,000	-	-	\$45	\$110
110,000	-	-	\$50	\$115
112,000	-	-	\$55	\$120
114,000	-	-	\$60	\$125
116,000	-	-	\$65	\$130
118,000	-	-	\$70	\$135
120,000	-	-	\$75	\$140
122,000	-	-	\$80	\$145
124,000	-	-	\$85	\$150
126,000	-	-	\$90	\$155
128,000	-	-	\$95	\$160
130,000	-	-	\$100	\$165
132,000	-	-	\$105	\$170
134,000	-	-	\$110	\$175
136,000	-	-	\$115	\$180
138,000	-	-	\$120	\$185
140,000	-	-	\$125	\$190
142,000	-	-	\$130	\$195
144,000	-	-	\$135	\$200
146,000	-	-	\$140	\$205
148,000	-	-	\$145	\$210
150,000	-	-	\$150	\$215
152,000	-	\$5	\$155	\$220
154,000	-	\$10	\$160	\$225
156,000	-	\$15	\$165	\$230
158,000	-	\$20	\$170	\$235
160,000	-	\$25	\$175	\$240

GVW	TRUCK ROUTE	CLASS A	CLASS 1	CLASS 2
162,000	-	\$30	\$180	\$245
164,000	-	\$35	\$185	\$250
166,000	-	\$40	\$190	\$255
168,000	-	\$45	\$195	\$260
170,000	-	\$50	\$200	\$265
172,000	-	\$55	\$205	\$270
174,000	-	\$60	\$210	\$275
176,000	-	\$65	\$215	\$280
178,000	-	\$70	\$220	\$285
180,000	-	\$75	\$225	\$290
182,000	-	\$80	\$230	\$295
184,000	-	\$85	\$235	\$300
186,000	-	\$90	\$240	\$305
188,000	-	\$95	\$245	\$310
190,000	-	\$100	\$250	\$315
192,000	-	\$105	\$255	\$320
194,000	-	\$110	\$260	\$325
196,000	-	\$115	\$265	\$330
198,000	-	\$120	\$270	\$335
200,000	-	\$125	\$275	\$340
202,000	-	\$130	\$280	\$350
204,000	-	\$140	\$290	\$360
206,000	-	\$150	\$300	\$370
208,000	-	\$160	\$310	\$380
210,000	-	\$170	\$320	\$390
212,000	-	\$180	\$330	\$400
214,000	-	\$190	\$340	\$410
216,000	-	\$200	\$350	\$420
218,000	-	\$210	\$360	\$430
220,000	-	\$220	\$370	\$440
222,000	-	\$230	\$380	\$450
224,000	-	\$240	\$390	\$460
226,000	-	\$250	\$400	\$470
228,000	-	\$260	\$410	\$480
230,000	-	\$270	\$420	\$490
232,000	-	\$280	\$430	\$500
234,000	-	\$290	\$440	\$510
236,000	-	\$300	\$450	\$520
238,000	-	\$310	\$460	\$530
240,000	-	\$320	\$470	\$540
242,000	-	\$330	\$480	\$550
244,000	-	\$340	\$490	\$560
246,000	-	\$350	\$500	\$570
248,000	-	\$360	\$510	\$580
250,000	-	\$370	\$520	\$590

Legal Gross Vehicle Weight

Non-Restricted Truck Route = 105,500 pounds

Class A and Class 1 Route = 80,000 pounds

Class 2 = 65,000 pounds

All maximum gross vehicle weights are subject to the Bridge Length Formula. Maximum gross vehicle weight is either the maximum allowed as per designation of the roadway or the bridge length formula calculation, whichever is the least amount of weight allowed.

Permit Fee Schedule
Weights exceeding restricted axle weight,
(Weight to be rounded off to nearest 1,000 pounds)

Single Axle (1 Axle)

SINGLE AXLE WEIGHT	TRUCK ROUTE	CLASS A	CLASS 1	CLASS 2
13,000	-	-	-	\$5
14,000	-	-	-	\$10
15,000	-	-	-	\$15
16,000	-	-	\$5	\$20
17,000	-	-	\$10	\$25
18,000	-	-	\$15	\$30
19,000	-	\$5	\$20	\$35
20,000	-	\$10	\$25	\$40
21,000	\$5	\$15	\$30	\$45
22,000	\$10	\$20	\$35	\$50
23,000	\$15	\$25	\$40	\$55
24,000	\$20	\$30	\$45	\$60
25,000	\$25	\$35	\$50	\$65
26,000	\$30	\$40	\$55	\$70
27,000	\$35	\$45	\$60	\$75
28,000	\$40	\$50	\$65	\$80
29,000	\$45	\$55	\$70	\$85
30,000*	\$50	\$60	\$75	\$90

Above weights must be approved by City of Horace
*30,000 pounds is the max weight that can be permitted on a single axle

Legal Single Axle Weights

Non-Restricted Truck Route = 20,000 pounds

Class A Route = 18,000 pounds

Class 1 Route = 15,000 pounds

Class 2 Route = 12,000 pounds

All axle weights are subject to the Bridge Length Formula or numbers of tires and size of tires. Maximum axle weight is either the maximum allowed as per designation of the roadway, the bridge length formula calculation, or number of tires and size of tires, whichever is the least amount of weight allowed.

Permit Fee Schedule
Weights exceeding restricted axle weight,
(Weight to be rounded off to nearest 1,000 pounds)

Tandem Axle Weights (2 Axle)

TANDEM AXLE WEIGHT	TRUCK ROUTE	CLASS A	CLASS 1	CLASS 2
25,000	-	-	-	\$5
26,000	-	-	-	\$10
27,000	-	-	-	\$15
28,000	-	-	-	\$20
29,000	-	-	-	\$25
30,000	-	-	-	\$30
31,000	-	-	\$5	\$35
32,000	-	-	\$10	\$40
33,000	-	\$5	\$15	\$45
34,000	-	\$10	\$20	\$50
35,000	\$5	\$15	\$25	\$55
36,000	\$10	\$20	\$30	\$60
37,000	\$15	\$25	\$35	\$65
38,000	\$20	\$30	\$40	\$70
39,000	\$25	\$35	\$45	\$75
40,000	\$30	\$40	\$50	\$80
41,000	\$35	\$45	\$55	\$85
42,000	\$40	\$50	\$60	\$90
43,000	\$45	\$55	\$65	\$95
44,000	\$50	\$60	\$70	\$100
45,000	\$55	\$65	\$75	\$105
46,000	\$60	\$70	\$80	\$110
47,000	\$65	\$75	\$85	\$115
48,000	\$70	\$80	\$90	\$120
49,000	\$75	\$85	\$95	\$125
50,000*	\$80	\$90	\$100	\$130

Above weights must be approved by City of Horace
*50,000 pounds is the max weight that can be permitted on a tandem axle

Legal Tandem Axle Weights

- Non-Restricted Truck Route = 34,000 pounds**
- Class A Route = 32,000 pounds**
- Class 1 Route = 30,000 pounds**
- Class 2 Route = 24,000 pounds**

All axle weights are subject to the Bridge Length Formula or numbers of tires and size of tires. Maximum axle weight is either the maximum allowed as per designation of the roadway, the bridge length formula calculation, or number of tires and size of tires, whichever is the least amount of weight allowed.

Permit Fee Schedule
Weights exceeding restricted axle weight,
(Weight to be rounded off to nearest 1,000 pounds)

Triple Axle Weights (3 Axle)

TRIPLE AXLE WEIGHT	TRUCK ROUTE	CLASS A	CLASS 1	CLASS 2
31,000	-	-	-	\$5
32,000	-	-	-	\$10
33,000	-	-	-	\$15
34,000	-	-	-	\$20
35,000	-	-	-	\$25
36,000	-	-	-	\$30
37,000	-	-	\$5	\$35
38,000	-	-	\$10	\$40
39,000	-	-	\$15	\$45
40,000	-	-	\$20	\$50
41,000	-	-	\$25	\$55
42,000	-	-	\$30	\$60
43,000	-	\$5	\$35	\$65
44,000	-	\$10	\$40	\$70
45,000	-	\$15	\$45	\$75
46,000	-	\$20	\$50	\$80
47,000	-	\$25	\$55	\$85
48,000	-	\$30	\$60	\$90
49,000	\$5	\$35	\$65	\$95
50,000	\$10	\$40	\$70	\$100
51,000	\$15	\$45	\$75	\$105
52,000	\$20	\$50	\$80	\$110
53,000	\$25	\$55	\$85	\$115
54,000	\$30	\$60	\$90	\$120
55,000	\$35	\$65	\$95	\$125
56,000	\$40	\$70	\$100	\$130
57,000	\$45	\$75	\$105	\$135
58,000	\$50	\$80	\$110	\$140
59,000	\$55	\$85	\$115	\$145
60,000*	\$60	\$90	\$120	\$150

Above weights must be approved by City of Horace
*60,000 pounds is the max weight that can be permitted on a triple axle

Legal Triple Axle Weights

- Non-Restricted Truck Route = 48,000 pounds**
- Class A Route = 42,000 pounds**
- Class 1 Route = 36,000 pounds**
- Class 2 Route = 30,000 pounds**

All axle weights are subject to the Bridge Length Formula or numbers of tires and size of tires. Maximum axle weight is either the maximum allowed as per designation of the roadway, the bridge length formula calculation, or number of tires and size of tires, whichever is the least amount of weight allowed.

Permit Fee Schedule
Weights exceeding restricted axle weight,
(Weight to be rounded off to nearest 1,000 pounds)

Quadruple Axle Weights (4 Axle)

QUAD AXLE WEIGHT	TRUCK ROUTE	CLASS A	CLASS 1	CLASS 2
41,000	-	-	-	\$5
42,000	-	-	-	\$10
43,000	-	-	-	\$15
44,000	-	-	-	\$20
45,000	-	-	-	\$25
46,000	-	-	-	\$30
47,000	-	-	-	\$35
48,000	-	-	-	\$40
49,000	-	-	\$5	\$45
50,000	-	-	\$10	\$50
51,000	-	-	\$15	\$55
52,000	-	-	\$20	\$60
53,000	-	-	\$25	\$65
54,000	-	-	\$30	\$70
55,000	-	-	\$35	\$75
56,000	-	-	\$40	\$80
57,000	-	\$5	\$45	\$85
58,000	-	\$10	\$50	\$90
59,000	-	\$15	\$55	\$95
60,000	-	\$20	\$60	\$100
61,000	\$5	\$25	\$65	\$105
62,000	\$10	\$30	\$70	\$110
63,000	\$15	\$35	\$75	\$115
64,000	\$20	\$40	\$80	\$120
65,000	\$25	\$45	\$85	\$125
66,000	\$30	\$50	\$90	\$130
67,000	\$35	\$55	\$95	\$135
68,000*	\$40	\$60	\$100	\$140

Above weights must be approved by City of Horace

*68,000 pounds is the max weight that can be permitted on a quadruple axle

Legal Quadruple Axle Weights

Non-Restricted Truck Route = 48,000 pounds

Class A Route = 42,000 pounds

Class 1 Route = 36,000 pounds

Class 2 Route = 30,000 pounds

All axle weights are subject to the Bridge Length Formula or numbers of tires and size of tires. Maximum axle weight is either the maximum allowed as per designation of the roadway, the bridge length formula calculation, or number of tires and size of tires, whichever is the least amount of weight allowed.

Permit Fee Schedule
Weights exceeding restricted axle weight,
(Weight to be rounded off to nearest 1,000 pounds)

5 Axle Weights (5 Axle)

5 AXLE WEIGHT	TRUCK ROUTE	CLASS A	CLASS 1	CLASS 2
51,000	-	-	-	\$5
52,000	-	-	-	\$10
53,000	-	-	-	\$15
54,000	-	-	-	\$20
55,000	-	-	-	\$25
56,000	-	-	-	\$30
57,000	-	-	-	\$35
58,000	-	-	-	\$40
59,000	-	-	-	\$45
60,000	-	-	-	\$50
61,000	-	-	\$5	\$55
62,000	-	-	\$10	\$60
63,000	-	-	\$15	\$65
64,000	-	-	\$20	\$70
65,000	-	-	\$25	\$75
66,000	-	-	\$30	\$80
67,000	-	-	\$35	\$85
68,000	-	-	\$40	\$90
69,000	-	-	\$45	\$95
70,000	-	-	\$50	\$100
71,000	-	\$5	\$55	\$105
72,000	-	\$10	\$60	\$110
73,000	-	\$15	\$65	\$115
74,000	-	\$20	\$70	\$120
75,000	-	\$25	\$75	\$125
76,000	\$5	\$30	\$80	\$130
77,000	\$10	\$35	\$85	\$135
78,000	\$15	\$40	\$90	\$140
79,000	\$20	\$45	\$95	\$145
80,000	\$25	\$50	\$100	\$150
81,000	\$30	\$55	\$105	\$155
82,000	\$35	\$60	\$110	\$160
83,000	\$40	\$65	\$115	\$165
84,000	\$45	\$70	\$120	\$170
85,000*	\$50	\$75	\$125	\$175

Above weights must be approved by City of Horace
*85,000 pounds is the max weight that can be permitted on a 5 axle

Legal Five Axle Weights

Non-Restricted Truck Route = 48,000 pounds

Class A Route = 42,000 pounds

Class 1 Route = 36,000 pounds

Class 2 Route = 30,000 pounds

All axle weights are subject to the Bridge Length Formula or numbers of tires and size of tires. Maximum axle weight is either the maximum allowed as per designation of the roadway, the bridge length formula calculation, or number of tires and size of tires, whichever is the least amount of weight allowed.

Any axle grouping of 6 axles or more shall follow the Bridge length calculations and be subject to an Axle Fee of \$5 per 1,000 pounds over the calculation.

Permit Fee Schedule
Weights exceeding restricted axle weight,
(Weight to be rounded off to nearest 1,000 pounds)

Self-Propelled Earth Moving Equipment

WEIGHT	TRUCK ROUTE	CLASS A	CLASS 1	CLASS 2
28,000	-	-	-	\$5
29,000	-	-	-	\$10
30,000	-	-	-	\$15
31,000	-	-	-	\$20
32,000	-	-	\$5	\$25
33,000	-	-	\$10	\$30
34,000	-	-	\$15	\$35
35,000	-	\$5	\$20	\$40
36,000	-	\$10	\$25	\$45
37,000	\$5	\$15	\$30	\$50
38,000	\$10	\$20	\$35	\$55
39,000	\$15	\$25	\$40	\$60
40,000	\$20	\$30	\$45	\$65
41,000	\$25	\$35	\$50	\$70
42,000	\$30	\$40	\$55	\$75
43,000	\$35	\$45	\$60	\$80
44,000	\$40	\$50	\$65	\$85
45,000	\$45	\$55	\$70	\$90
46,000	\$50	\$60	\$75	\$95
47,000	\$55	\$65	\$80	\$100
48,000	\$60	\$70	\$85	\$105
49,000	\$65	\$75	\$90	\$110
50,000	\$70	\$80	\$95	\$115
51,000	\$75	\$85	\$100	\$120
52,000	\$80	\$90	\$105	\$125

Above weights must be approved by City of Horace

*52,000 pounds is the max weight that can be permitted on a single axle for self-propelled earth moving equipment.

Legal Single Axle Weights for Self-Propelled Earth Moving Equipment

Non-Restricted Truck Route = 36,000 pounds*

Class A Route = 34,000 pounds*

Class 1 Route = 31,000 pounds*

Class 2 Route = 28,000 pounds*

***For all roads, the legal weight may be restricted by the tire width, only allowing for 550 pounds per inch width per tire. e Weight Limits**

Weights for non-metallic tracked implements or vehicles shall not exceed the weight limits listed in the following table. Track length is the distance of the **track in contact with the roadway** measured on **one side of the implement or vehicle**, rounded to the nearest foot. Tracks shall not have spurs, bars, angle irons, or cleats which will tend to mar or deface the surface.

TRACK LENGTH IN FEET	MAXIMUM WEIGHT IN POUNDS
4-7	34,000
8	42,000
9	42,500

10	45,000
11	46,000
12	47,000
13	48,500
14	49,500
15	50,500
16	51,500
17	54,000
18	55,000
19	56,000
20	57,000
21	58,000
22	59,000
23	60,000
24	61,000
25	62,000
26	63,000
27	64,000
28	65,000
29	66,000
30	67,000
31	68,000
32	69,000
33	70,000
34	71,000
35	72,000
36	73,000
37	74,000
38	75,000
39	76,000
40	77,000
41	78,000
42	79,000
43	80,000

A fee of \$5.00 for every 1,000-pound increase over the maximum weight in pounds consistent with the table above.

