



EXTRA LENGTH/EXCESS WEIGHT UP TO 129K (EL/EW 129)

SPECIAL PERMIT ATTACHMENT

Rev. 3-26-24

IDAHO ADMINISTRATIVE RULE GOVERNING SPECIAL PERMITS 39.03.01.

It is the responsibility of the permit holder to know all special permit conditions listed in 39.03.01.

Access the Special Permit IDAPA Rule at www.permits4idaho.com, under the Helpful Links as well as all maps and attachments.

13. GENERAL WEIGHT REQUIREMENTS AND CONDITIONS.

1. **Permit Types to Exceed Eighty Thousand Pounds Gross Weight.** Permits will be issued for vehicle combinations operating on Interstate and national network highways with total gross loads exceeding eighty thousand (80,000) pounds but not to exceed twenty thousand (20,000) per single axle, thirty-four thousand (34,000) pounds per tandem, and not to exceed the weight limit for any group of two (2) or more consecutive axles established by Section 49-1001, Idaho Code.

a. EL/EW 129. Except that, no vehicle combination weighing more than one hundred five thousand five hundred (105,500) pounds will operate on local highways contrary to the provisions of Section 49-1004A, Idaho Code, and this rule.

b. EL/EW 129. Gross weight not to exceed one hundred twenty-nine thousand (129,000) pounds on designated routes, as specified in Section 49-1004 and Section 49-1004B, Idaho Code.

14. DESIGNATED ROUTES FOR EL/EW 129.

1. **Designated Routes for Vehicle Lengths and Weights.** All designated state-approved routes for vehicle combinations to operate at lengths and weights above one hundred five thousand five hundred (105,500) pounds will be identified on the "Designated Extra Length Excess Weight up to 129,000 Pound Map" which is available online and Ports of Entry

15. OPERATING REQUIREMENTS FOR EL/EW 129 VEHICLE COMBINATIONS.

All vehicle combinations will be subject to the following conditions, limitations, and requirements:

1. **Cargo Carrying Units.** Vehicle combinations operating with an overall length in excess of the limits imposed in Section 49-1010, Idaho Code, will consist of not more than four (4) units, will not exceed one hundred fifteen (115) feet overall, and no such vehicle combination will include more than three (3) cargo units except that a full truck and full trailer may have an overall length in excess of seventy-five (75) feet but not in excess of eighty-five (85) feet including load overhang.

2. **Power Unit.** The power unit of all vehicle combinations will have adequate power and traction to maintain a minimum of twenty (20) miles per hour under normal operating conditions on any upgrade over which the combination is operated.

3. **Connecting Devices.** Fifth wheel, drawbar, and other coupling devices will be as specified by Federal Motor Carrier Safety Regulations, Part 393.

4. **Trailer Weight Sequence.** In any extra-length combination, the respective loading of any trailer will not be substantially greater than the weight of any trailer located ahead of it in the vehicle combination. (Substantially greater will be defined as more than four thousand (4,000) pounds heavier.)

5. **Operating Restrictions.** Operators of all vehicle combinations governed by this rule will comply with the following operating restrictions:

a. A minimum distance of five hundred (500) feet will be maintained between combinations of vehicles except when overtaking and passing.

b. Except when passing another vehicle traveling in the same direction, the combination will be driven so as to remain at all times on the right hand side of the centerline of a two (2) lane, two (2) way highway, or on the right hand side of a lane stripe or marker of a highway of four (4) or more lanes.

16. SPECIAL PERMITS FOR OPERATIONS OF EL/EW 129 VEHICLE COMBINATIONS.

1. **Permit Attachments.** All vehicles in operation are allowed to travel under the authority of special permits issued to the power unit. A copy of the rule, and gross loads tables will accompany and be part of all annual EL/EW 129 permits. Operations are valid only on routes of the state highway system designated for such purposes as set forth on the "Extra Length Map" or the "Designated Routes Up to 129,000 Pound Map," which will accompany the permit.

16. SPECIAL PERMITS FOR OPERATIONS OF EL/EW 129 VEHICLE COMBINATIONS.

1. Permit Attachments. All vehicles in operation are allowed to travel under the authority of special permits issued to the power unit. A copy of the rule, and gross loads tables will accompany and be part of all annual EL/EW 129 permits. Operations are valid only on routes of the state highway system designated for such purposes as set forth on the "Extra Length Map" or the "Designated Routes Up to 129,000 Pound Map," which will accompany the permit.

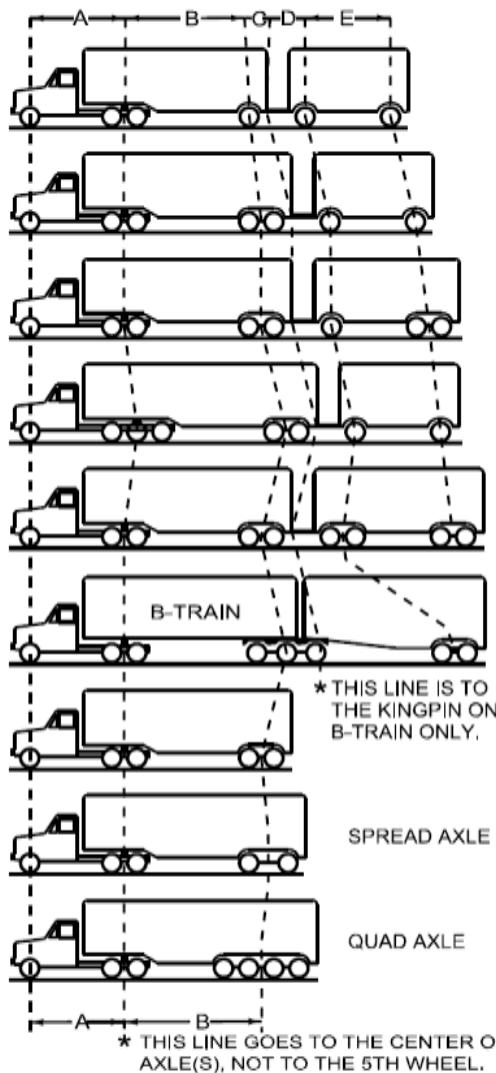
a. The operator of any EL/EW 129 vehicle combination will complete the Idaho Off-Track Computation Form to provide internal dimensions of the combination and computation of off-track as evidence of compliance with maximum off-track requirements specified for the designated route being traveled. The completed Idaho Off-Track Computation Form, when required, will be available for inspection by enforcement officers with the permit for the vehicle combination. When the Idaho Off-Track Computation Form is required, the permit will be invalid until the form is completed and available for inspection.

2. Exceeding Allowed Length and/or Idaho Off-Track Limitations. EL/EW 129 vehicle combinations apprehended for exceeding allowed length and/or off-track limitations as set forth in this rule is subject to the following course of action:

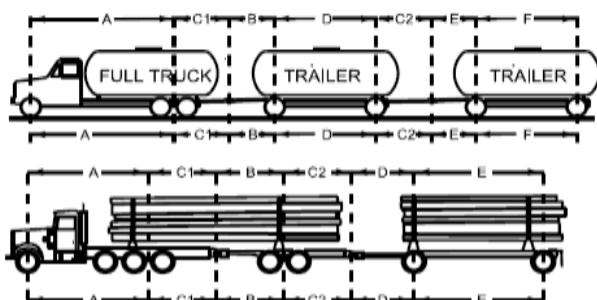
- a. The vehicle combination will be escorted by the officer to the first safe parking location; and
- b. The driver of the vehicle combination will be issued a single trip, one (1) day permit via a specified route to the nearest permitted route. The condition of this permit will require an advance pilot/escort vehicle to escort the vehicle combination, and the pilot/escort vehicle will meet the pilot/escort vehicle requirements.

THIS FORM SHALL BE **COMPLETED FOR ALL VEHICLE CONFIGURATIONS (EXCEPT TRIPLES) AND ACCOMPANY THE PERMIT, REGARDLESS OF THE ROUTES OF OPERATION.** REFER TO SKETCHES BELOW AND ENTER THE APPROPRIATE INTERNAL DIMENSIONS IN THE SPACES PROVIDED. FOLLOW STEPS (1) THROUGH (20) PROVIDED, FOLLOW STEPS (1) THROUGH (20) TO COMPUTE MAXIMUM OFF-TRACK BASED ON A VEHICLE COMBINATION WITH ITS STEERING AXLE CENTERED ON A 165 FOOT RADIUS CURVE, THE COMPUTED OFF-TRACK WILL BE THE RADIUS TO THE INSIDE FRONT WHEEL OF THE STEERING AXLE MINUS THE RADIUS TO THE INSIDE OF THE REAR AXLE OF THE COMBINATION. $R = 165 - 4 = 161$

MAXIMUM OFF-TRACK: THE MAXIMUM DIFFERENCE IN THE PATH CREATED BY THE CENTER OF THE STEERING AXLE AND THE CENTER OF THE REAR MOST AXLE OF THE VEHICLE OR COMBINATION OF VEHICLES DURING THE NEGOTIATION OF A TURN.



IF VEHICLE OR VEHICLE COMBINATION HAS A SELF-STEERING AXLE (LIFTABLE OR NOT) DO NOT USE THAT AXLE(S) WHEN MEASURING FOR OFF-TRACK. WHEN AXLE(S) ARE NOT SELF STEERING DO INCLUDE THEM WHEN MEASURING FOR OFF-TRACK. SEE IDAHO CODE 49-1001 (10) FOR VLS AXLE REQUIREMENTS.



IF ASSISTANCE IS REQUIRED IN THE COMPUTATION OF MAXIMUM OFF-TRACK OR MEASURING THE INTERNAL DIMENSIONS CALL (800) 662-7133 OR GO TO www.itd.idaho.gov/dmv/poe/offtrack.htm

USE THESE DECIMAL EQUIVALENTS INSTEAD OF INCHES:

1 IN.	= .08	FT.	7 IN.	= .58	FT.
2 IN.	= .17	FT.	8 IN.	= .67	FT.
3 IN.	= .25	FT.	9 IN.	= .75	FT.
4 IN.	= .33	FT.	10 IN.	= .83	FT.
5 IN.	= .42	FT.	11 IN.	= .92	FT.
6 IN.	= .50	FT.	12 IN.	= 1.0	FT.

(1) A = _____ FT. (7) A^2 = _____

(2) B = _____ FT. (8) B^2 = _____

(3A) C1 = _____ FT.

(3B) C2 = _____ FT.

(4) D = _____ FT. (9) D^2 = _____

(5) E = _____ FT. (10) E^2 = _____

(6) F = _____ FT. (11) F^2 = _____

(12) ADD (7)(8)(9)(10)& (11) = _____

(13) $R^2 = 161^2 =$ _____ **25,921.00**

(14A) $C1^2 =$ _____

(14B) $C2^2 =$ _____

(15) ADD (13) AND (14 A&B) = _____

(16) ENTER (12) = _____

(17) SUBTRACT (16) FROM (15) = _____ *

(18) R = _____ **161.00**

(19) SQUARE ROOT OF (17) = _____

(20) OFF-TRACK = 161 - (19) = _____

* IF (17) IS LESS THAN 24,180 OFF-TRACK IS GREATER THAN 5.5, MAXIMUM FOR BLUE ROUTES, IF (17) IS LESS THAN 23,870 OFF-TRACK IS GREATER THAN 6.5 MAXIMUM FOR RED ROUTES. IF (17) IS LESS THAN 23,716 OFF-TRACK IS GREATER THAN 7.0,

IDAHO TRANSPORTATION DEPARTMENT • ALLOWABLE GROSS WEIGHT CHARTS

Find the Off-Track Calculator and Legal Weight Calculator at: www.permits4idaho.com under Helpful Links

DISTANCE IN FEET BETWEEN FIRST AND LAST AXLE OF ANY GROUP OF AXLES	IDAHO CODE 49-1001(1)											
	Single Axle Weight 20,000											
	MAXIMUM LOAD IN POUNDS CARRIED ON ANY GROUP OF TWO OR MORE CONSECUTIVE AXLES											
Feet	2 Axles	3 Axles	4 Axles	5 Axles	6 Axles	7 Axles	8 Axles	9 Axles	10 Axles	11 Axles	12 Axles	13 Axles
4	34,000											
5	34,000											
6	34,000											
7	34,000											
8	34,000											
8+	38,000	42,000										
9	39,000	42,500										
10	40,000	43,500										
11		44,000										
12		45,000	50,000									
13		45,500	50,500									
14		46,500	51,500									
15		47,000	52,000									
16		48,000	52,500	58,000								
17		48,500	53,500	58,500								
18		49,500	54,000	59,000								
19		50,000	54,500	60,000								
20		51,000	55,500	60,500	66,000							
21		51,500	56,000	61,000	66,500							
22		52,500	56,500	61,500	67,000							
23		53,000	57,500	62,500	68,000							
24		54,000	58,000	63,000	68,500	74,000						
25		54,500	58,500	63,500	69,000	74,500						
26		55,500	59,500	64,000	69,500	75,000						
27		56,000	60,000	65,000	70,000	75,500						
28		57,000	60,500	65,500	71,000	76,500	82,000					
29		57,500	61,500	66,000	71,500	77,000	82,500					
30		58,500	62,000	66,500	72,000	77,500	83,000					
31		59,000	62,500	67,500	72,500	78,000	83,500					
32		60,000	63,500	68,000	73,000	78,500	84,500	90,000				
33			64,000	68,500	74,000	79,000	85,000	90,500				
34			64,500	69,000	74,500	80,000	85,500	91,000				
35			65,500	70,000	75,000	80,500	86,000	91,500				
36			(D) 68,000	70,500	75,500	81,000	86,500	92,000	98,000			
37			(D) 68,000	71,000	76,000	81,500	87,000	93,000	98,000			
38			(D) 68,000	71,500	77,000	82,000	87,500	93,500	99,000			
39			(D) 68,000	72,500	77,500	82,500	88,500	94,000	99,500			
40				68,500	73,000	78,000	83,500	89,000	94,500	100,000	106,000	
41				69,500	73,500	78,500	84,000	89,500	95,000	100,500	106,500	
42				70,000	74,000	79,000	84,500	90,000	95,500	101,000	107,000	
43				70,500	75,000	80,000	85,000	90,500	96,000	102,000	107,500	
44				71,500	75,500	80,500	85,500	91,000	96,500	102,500	108,000	114,000
45				72,000	76,000	81,000	86,000	91,500	97,500	103,000	108,500	114,500
46				72,500	76,500	81,500	87,000	92,500	98,000	103,500	109,000	115,000
47				73,500	77,500	82,000	87,500	93,000	98,500	104,000	110,000	115,500
48				74,000	78,000	83,000	88,000	93,500	99,000	104,500	110,500	116,000
49				74,500	78,500	83,500	88,500	94,000	99,500	105,000	111,000	116,500
50				75,500	79,000	84,000	89,000	94,500	100,000	105,500	111,500	117,000
51				76,000	80,000	84,500	89,500	95,000	100,500	106,000	112,000	118,000
52				76,500	80,500	85,000	90,500	95,500	101,000	107,000	112,500	118,500
53				77,500	81,000	86,000	91,000	96,500	102,000	107,500	113,000	119,000
54				78,000	81,500	86,500	91,500	97,000	102,500	108,000	113,500	119,500
55				78,500	82,500	87,000	92,000	97,500	103,000	108,500	114,000	120,000

IDAHO CODE 49-1001(1)

Single Axle Weight 20,000

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

DISTANCE IN FEET BETWEEN FIRST AND LAST AXLE OF ANY GROUP OF AXLES	Extra Length/Excess Weight Permit Up to 129K needed for Weights over 80,000											
	Feet	2 Axles	3 Axles	4 Axles	5 Axles	6 Axles	7 Axles	8 Axles	9 Axles	10 Axles	11 Axles	12 Axles
56			79,500	83,000	87,500	92,500	98,000	103,500	109,000	115,000	120,500	126,000
57			(c) 80,000	83,500	88,000	93,000	98,500	104,000	109,500	115,500	121,000	127,000
58				84,000	89,000	94,000	99,000	104,500	110,000	116,000	121,500	127,500
59				85,000	89,500	94,500	99,500	105,000	110,500	116,500	122,000	128,000
60				85,500	90,000	95,000	100,500	105,500	111,000	117,000	122,500	128,500
61				86,000	90,500	95,500	101,000	106,000	112,000	117,500	123,000	129,000
62				87,000	91,000	96,000	101,500	107,000	112,500	118,000	124,000	
63				87,500	92,000	96,500	102,000	107,500	113,000	118,500	124,500	
64				88,000	92,500	96,500	102,500	108,000	113,500	119,000	125,000	
65				88,500	93,000	98,000	103,000	108,500	114,000	119,500	125,500	
66				89,500	93,500	98,500	103,500	109,000	114,500	120,000	126,000	
67				90,000	94,000	99,000	104,500	109,500	115,000	121,000	126,500	
68				90,500	95,000	99,500	105,000	110,000	115,500	121,500	127,000	
69				91,000	95,500	100,000	105,500	111,000	116,000	122,000	127,500	
70				92,000	96,000	101,000	106,000	111,500	117,000	122,500	128,000	
71				92,500	96,500	101,500	106,500	112,000	117,500	123,000	128,500	
72				93,000	97,000	102,000	107,000	112,500	118,000	123,500	129,000	
73				93,500	98,000	102,500	107,500	113,000	118,500	124,000		
74				94,500	98,500	103,000	108,000	113,500	119,000	124,500		
75				95,000	99,000	103,500	109,000	114,000	119,500	125,000		
76				95,500	99,500	104,500	109,500	114,500	120,000	126,000		
77				96,000	100,000	105,000	110,000	115,000	120,500	126,500		
78				97,000	101,000	105,500	110,500	116,000	121,000	127,000		
79				97,500	101,500	106,000	111,000	116,500	122,000	127,500		
80				98,000	102,000	106,500	111,500	117,000	122,500	128,000		
81				98,500	102,500	107,000	112,000	117,500	123,000	128,500		
82				99,000	103,000	108,000	113,000	118,000	123,500	129,000		
83				100,000	104,000	108,500	113,500	118,500	124,000			
84					104,500	109,000	114,000	119,000				
85					105,000	109,500	114,500	120,000				
86					105,000	110,000	115,000	120,500				
87					106,000	111,000	115,500	121,000				
88					107,000	111,500	116,000	121,500				
89					107,500	112,000	117,000	122,000				
90					108,000	112,500	117,500	122,500				
91					108,500	113,000	118,000	123,000				
92					109,000	113,500	118,500	123,500				
93					110,000	114,000	119,000	124,000				
94					110,500	115,000	119,500	125,000				
95					111,000	115,500	120,000	125,500				
96					111,500	116,000	121,000	126,000				
97					112,000	116,500	121,500	126,500				
98					113,000	117,000	122,000	127,000				
99					113,500	118,000	122,500	127,500				
100					114,000	118,500	123,000	128,000				
101					114,500	119,000	123,500	129,000				
102					115,000	119,500	124,500					
103					116,000	120,000	125,000					
104					116,500	120,500	125,500					
105					117,000	121,500	126,000					
106					117,500	122,000	126,500					
107					118,000	122,500	127,000					
108						119,000	123,000	127,500				
109						119,500	123,500	128,500				
110						120,000	124,000	129,000				

IDAHO CODE SECTION 49-1001(2) ^(A)			IDAHO CODE SECTION 49-1001(9) ^(B)		
Single Axle Weight 20,000			Single Axle Weight 20,000		
Distance in feet between first and last axle of any group of consecutive axles	Vehicles with three or four axles	Vehicles with five or more axles	Distance in feet between first and last axle of any group of consecutive axles	Vehicles with three or four axles	Vehicles with five or more axles
3 THROUGH 12	37,800	37,800	3 THROUGH 12	37,800	37,800
13	56,470	56,470	13	56,470	56,470
14	57,940	57,940	14	57,940	57,940
15	59,400	59,400	15	59,400	59,400
16	60,610	60,610	16	60,610	60,610
17	61,820	61,820	17	61,820	61,820
18	63,140	63,140	18	63,140	63,140
19	64,350	64,350	19	64,350	64,350
20	65,450	65,450	20	65,450	65,450
21	66,000	66,330	21	66,000	66,330
22	66,000	67,250	22	66,000	67,250
23		67,880	23	66,000	67,880
24		68,510	24	66,000	68,510
25		69,150	25	66,000	69,150
26		69,770	26	66,000	69,770
27		70,400	27	66,000	70,400
28		70,950	28	66,000	70,950
29		71,500	29	66,000	71,500
30		72,050	30	66,000	72,050
31		72,600	31		72,600
32		73,150	32		73,150
33		73,700	33		73,700
34		74,250	34		74,250
35		74,800	35		74,800
36		75,350	36		75,350
37		75,900	37		75,900
38		76,450	38		76,450
39		77,000	39		77,000
40		77,550	40		77,550
41		78,100	41		78,100
42		78,650	42		78,650
43+		79,000	43+		80,000

Notes, Explanations, and Restrictions

(A) Idaho Code 49-1001(2) bridge chart sets forth weight limits on the Interstate system routes for special products: Logs, pulpwood, stull, poles or piling; ores, concentrates, sand and gravel, and aggregates thereof, in bulk: unprocessed agricultural products, including livestock.

(B) Idaho Code 49-1001(9) bridge chart provides the weight limits, up to 80,000 lbs for all types of commodities on interstate system routes.

(C) Must register for loaded gross weight.

(D) An exception to the formula which computes the weight limits of Idaho Code 49-1001(1) bridge chart provides that axle groups consisting of two tandems in an overall spacing of 36, 37, 38, or 39 feet may have a total loading of 68,000 lbs; 34,000 lbs per tandem.