NORTHERN PACIFIC RAILWAY COMPANY

Lake Superior Division

Special Instructions No. 4

In Effect at 12:01 A. M. Central or 90th Meridian Time

Sunday, May 19, 1940

These instructions govern Current Time Table. Read carefully and be positive that you have the Current Time Table, also copy of Current Special Instructions.

W. W. JUDSON, General Manager.

P. H. McCAULEY, General Superintendent of Transportation.

G. H. JACOBUS, Superintendent.

SPECIAL INSTRUCTIONS

FIRST SUBDIVISION.

(MAIN LINE)

- 1. At Ashland-Normal position of Main Track switch just East of Seventh Ave., leading to the Soo Line, is for the Soo Line
- 2. At Allouez—Track No. 2 must not be used by ore trains.

3. Bridge and Engine Restrictions:

All Bridges:

N. P. engines Classes A, A-1, A-2, A-3, Q-5, Z-4, W-3, W-5 and heavier not permitted. Double header Soo Line and DSS&A Engines Classes L-2, L-20, N-20 and heavier, and single engines heavier than L-2, L-20 and N-20 not permitted.

Bridge O, Vaughn Avenue and Bridge 5, Fish River: N. P. engines Classes T, W, W-1, W-2, W-4 and Z-1, and Soo Line and DSS&A engines Classes F-6, F-12, F-22, L-2, L-20 and N-20, twenty-five (25) MPH.

Bridge 37, Brule River:

Doubler header N. P. engines Classes W, W-1, W-2, W-4 and Z-1 and double header Soo Line and DSS&A engines Classes F-6, F-12 and F-22, twenty-five (25) MPH.

Bridge 48, Poplar River:

Soo Line and DSS&A engines Classes L-2, L-20 and N-20, twenty-

five (25) MPH.

Bridge 49, Middle River: N. P. engines Classes T, W, W-1, W-2, W-4 and Z-1, and Soo Line and DSS&A engines Classes F-6, F-12, F-22, L-2, L-20 and N-20, twenty-five (25) MPH.

Bridge 53, Amnicon: Soo Line and DSS&A engines Classes L-2, L-20 and N-20, twentyfive (25) MPH.

At Ashland-Class W engines or heavier, not permitted on No.

2 house track.

4. Speed Restrictions-N. P. engines Class T-1 and Soo Line and DSS&A engines Class F and heavier, 7th Avenue West to 22nd Avenue West, between MP 0 and 2, Ashland, ten (10) MPH.
MP 2 to MP 13 passenger trains thirty-five (35) MPH, freight trains twenty-five (25) MPH.

MP 13 to Superior East End passenger trains forty (40) MPH, freight trains thirty-five (35) MPH, on curves twenty-five (25)

When the temperature is 10 degrees below zero or colder, freight trains forty (40) MPH and passenger trains fifty (50) MPH. Conductors and enginemen will keep themselves informed as to temperature.

See also Bridge and Engine Restrictions.

5. Register Stations-

Central Avenue. East End. Ashland, Soo Line Station. Superior, Soo Line 21st Street Yard Office, for DSS&A trains.

6. Clearance Exceptions-At East End-Trains originating secure clearance at Central Avenue, or Soo Line 21st Street Yard Office.

7. Yard limits between East End and Allouez.

SECOND SUBDIVISION.

(MAIN LINE)

1. At Carlton-Eastward freight trains and light engines from the Second Sub-division will head in on North Siding.
Westward Trains, Yard Engines or Branch Trains will not use North Siding without permission from the Train Dispatcher. North Siding without permission from the Train Dispat At Interlocking—Trains will call for route as follows:
Second to Second "East & West": oo & oo.
Second to Third "East & West": oo & ooo.
Second to Loop Track "West": oo & oooo.
Second to 5th Sub-division "East": oo & oooo.
Third to Third "East and West": ooo & ooo.
Third to Second "Fort and West": Third to Second "East and West": 000 & 00. Third to Loop Track "West": Third to 5th Sub-division "East": 000 & 0000. 000 & 0000.

Fifth to Second "West": 0000 & 00. Fifth to Third "West": 0000 & 000. Fifth to Loop Track: 0000 & 0000. Loop Track to Second "East": Loop Track to Third "East": 0000 & 00. 0000 & 000. Loop Track to 5th Sub-division "West": Coal Dock Track "East and West": 0000 & 0000. No. 9 Lead through Interlocking "East & West":

2. At McGregor-Siding east of passenger station is westward Siding west of passenger station is eastward siding. At Interlocking-Trains will call for route as follows: For Northern Pacific and Soo Line main tracks: From Northern Pacific and Soo Line to West wye: -0 From Northern Pacific and Soo Line to East wye: To and from Interchange Track and West wye: 0000 For all movements on eastward siding:

3. At Brainerd-Between St. Paul Division connection just East of 8th Street and passenger station expect to find St. Paul Division trains using main track. St. Paul Division and M&I passenger trains head in on inside track at passenger station where they will remain until de-

St. Paul Division trains stop before fouling Lake Superior Second Sub-division main track.

4. At M&I Junction—Connection with M&I Railway is governed by automatic block signals. Conductors of Eastward M&I trains secure from telegraph office at Brainerd by telephone, informa-

tion required by rule S-83.

5. At Staples Interlocking-Westward distant signal 8700 feet east of the home signal is a two arm signal. Upper arm is fixed indicating Stop. Lower arm is a three position signal. Westward trains that may have difficulty starting at home signal must not pass distant signal until the lower arm indicates Proceed. If lower arm is not immediately changed to Proceed for such trains, or to Approach or Proceed for other trains, the condition of block ahead will be obtained from the Towerman at Interlocking Station by using the telephone at distant signal, and will then proceed on instructions from Towerman, at restricted speed.

6. Pusher Districts-Central Avenue to Sawyer.

7. Retaining Valves—On freight trains retaining valves must be used on grades Iverson to Pokegama, handles to be turned up to low pressure (horizontal) position, beginning at head end of train, as follows:

Trains of 8000 tons or over—20 retainers.
Trains of 6000 tons or over—16 retainers.
Trains of 4000 tons or over—10 retainers.
Trains of less than 4000 tons—No retainers unless

All retaining valves will be turned down when the foot of grade is reached; between Pokegama and Central Avenue. On solid trains of ore or trains consisting to a large percentage of ore, retaining valves must be turned up on one-fourth of the total number of cars in the train just before passing Sawyer, and turned down between Pokegama and Central Avenue. On ore trains, 90 lbs. brake pipe pressure will be used from Sawyer to point where train is set out.

requested by engineman.

At Carlton—When engine has been cut off and recoupled, retaining valves will be turned down while the brake pipe test is being made, and then turned up again before starting.

When difficult to start a train while retainers are turned up, the brake cylinders may be bled by turning retainer handles down momentarily, and then turning them up again.

 Bridge and Engine Restrictions—Bridge 9.1 just West of Central Avenue twenty (20) MPH. Avoid using automatic brakes except in case of emergency.

Bridge 95, Cedar Creek: Engines Classes A-2, A-3, Z-5 and Z-6, twenty (20) MPH.

Bridge 119, Mississippi River: Engines Classes A-2, A-3, Z-5 and Z-6 not permitted. Engines Classes A, A-1, W-3, W-5 and Z-4, twenty (20) MPH.

Bridge 140, Crow Wing River:
Engines Classes Z-5 and Z-6, twenty (20) MPH.
Engines Classes W, and heavier must not use following tracks: Tamarack-Stock Track.

Brainerd-Track Nos. 13, 14, 15, 16 and 17, West end of New Yard. Motley-North Spur.

Engines Classes W-3 and heavier must not use following tracks: Wrenshall—Wrenshall Brick Yard 1 and 2.

Zenith Gravel Pit Spur.

Aitkin-Hole Track beyond First Street Crossing and Power House Spur.

9. Speed Restrictions-

Trains handling ore, not exceed forty (40) MPH. At Brainerd. Ten (10) MPH over highway crossings. First class trains twenty (20) MPH between east switch of north siding "East of Car Shop" and St. Paul Division connection at 8th Street and restricted speed between St. Paul Division connection

and Passenger Station.
The "Long Double" and "Scale Track" may be used for light engine movements, between Roundhouse lead and 8th Street, in engine movements, between Roundhouse lead trains not nermitaddition to yard switching operations. Road trains not permit-

ted to use these tracks.

At Aitkin, thirty (30) MPH through village.

At McGregor Interlocking, Freight trains forty (40) MPH, Passenger trains sixty (60) MPH.

At Carlton, fifteen (15) MPH over diamond switches at the

Interlocking.

At Pokegama Interlocking, Freight trains thirty (80) MPH, Passenger trains forty-five (45) MPH.

At Central Ave., Interlocking: twenty (20) MPH. When the temperature is 10 degrees below zero or colder, freight trains forty (40) MPH and passenger trains fifty (50) MPH. Conductors and enginemen will keep themselves informed as to temperature.

See also Bridge and Engine Restrictions.

10. Register Stations-

Central Avenue, Carlton, Staples.

- 11. Register Exceptions-At Central Ave. and Carlton trains register by Form 608.
- 12. Lap Sidings-Aitkin, Motley.

13. Commercial Spurs-

	Miles from	Car
	Duluth	Capacity
Zenith Gravel Pit Spur	30.2	30
Arens Spur	89.4	5

THIRD SUBDIVISION. (MAIN LINE)

- 1. At West Duluth Jct.—Switch at end of double track is dual control. Normal position is for westward track. If signals fail to clear, switch must be examined and if not in proper position, first throw POWER LEVER then operate switch with the HAND THROW LEVER. POWER LEVER must not be returned to normal position until after the final move over the switch is made. Both levers must be left in normal position and locked.
- 2. At Carlton Interlocking-Trains will call for route as shown in Second Subdivision instructions.
- 3. At Hinckley-Siding east of Grind Stone River is westward siding. Siding west of Great Northern Crossing is eastward siding. Cars must not be left on No. 1 yard track.

 Switch from Roundhouse lead to Coal Dock Pit Track must be set and locked for Coal Dock Pit Track when not in use. At Interlocking—trains will call for route as follows:

For Through Main Track Movement: — For Movement from Main Track to Sidings: For Movement from Sidings to Main Track: For Movement between yard and eastward siding:

- 4. At Rush City-Siding west of passenger station is eastward siding. Siding east of passenger station is westward siding.
- 5. At North Branch-Siding west of passenger station is eastward siding. Siding east of passenger station is westward siding.
- 6. At Wyoming-Siding west of passenger station is eastward siding. Siding east of passenger station is westward siding.
- 7. At Bald Eagle—The Bald Eagle Lead may be used by trains in both directions expecting to find it occupied.
- 8. Pusher Districts-West Duluth to Otter Creek.

9. Retaining Valves-On freight trains retaining valves must be used on grades Brownell to Smithville. Handles to be turned up to low pressure (horizontal) position, beginning at head end of train, as follows:

Trains of 8000 tons or over—20 retainers.
Trains of 6000 tons or over—16 retainers.
Trains of 4000 tons or over—10 retainers.

Trains of less than 4000 tons-No retainers unless

requested by engineman. All retaining valves will be turned down when the foot of grade is reached; between Smithville and West Duluth Junction. When difficult to start a train while retainers are turned up, the brake cylinders may be bled by turning retainer handles down momentarily, and then turning them up again.

Brownell to Smithville: Passenger trains, forty-five (45) MPH, freight trains, twenty-five (25) MPH.

At Carlton—Fifteen (15) MPH over diamond switches at the Interlocking except straight through movement via Third Sub-When the temperature is 10 degrees below zero or colder, freight trains forty (40) MPH and passenger trains fifty (50) MPH. Conductors and enginemen will keep themselves informed as to

11. Register Stations-West Duluth, Carlton, White Bear Lake.

12. Register Exceptions-At West Duluth, Carlton and White Bear Lake trains register by

13. Clearance Exceptions-At West Duluth Junction: Trains originating secure clearance at West Duluth.

14. Commercial Spurs-

10. Speed Restriction-

temperature.

Miles from Car Duluth Capacity Power Company 17.0 4

FOURTH SUBDIVISION. (IRONTON BRANCH)

- 1. At Deerwood-Eastward trains use junction switch one and three-fourths miles east of passenger station; westward trains use crossover west of passenger station, unless otherwise authorized by train order.
- 2. Register Stations-Ironton and Deerwood.

FIFTH SUBDIVISION. (CLOQUET BRANCH)

- 1. At Carlton Interlocking-Trains will call for route as shown in Second Subdivision instructions.
- 2. Bridge and Engine Restrictions-At Cloquet, Engines Classes W and heavier must not be used around curvature of over 15 degrees. Engines Classes W and heavier must not use the D&NE interchange track.
- 3. Speed Restrictions-Between Cloquet and MP 3, east of Scanlon; fifteen (15) MPH. Carlton; fifteen (15) MPH through the Interlocking. Over balance of Subdivision; thirty (30) MPH.

4. Register Stations-Carlton and Cloquet.

5. Clearance Exceptions-At Cloquet trains will not require clearance.

SIXTH SUBDIVISION. (GRANTSBURG BRANCH)

1. Bridge and Engine Restrictions-Bridge 5, St. Croix River: Engines, Classes T, Q-1 and heavier not permitted; F-1, S-4 and S-10; eight (8) MPH. Lighter engine Classes; fifteen (15) MPH.

2. Speed Restrictions-Thirty (30) MPH. Rush City: Approach Highway No. 61 crossing at restricted speed. See also Bridge and Engine Restrictions.

3. Register Stations-

Rush City, Grantsburg.

4. Clearance Exceptions-At Grantsburg, trains will not require clearance except during assigned hours of telegraph service.

Commercial Spurs—	Miles from Rush City	Car Capacity
McGrath	 3.3	3
Canfield	 8.0	6
Linds	 10.5	4
Anderson's	 14.5	18

SEVENTH SUBDIVISION.

(TAYLORS FALLS BRANCH)

1. Bridge and Engine Restrictions-Bridge 8, Chisago Lake; Engines, Classes A2 and heavier, twenty (20) MPH.

Bridges 18, 18-1, 18-2 and 19:

Engines, Classes A, Q-5, W-3, Z, Z-1 and heavier not permitted. Engines, Classes Q-1, Q-3, Q-4 and T, and single header classes W, W-1, W-2 and W-4, eight (8) MPH.
Engines, Classes Q, S-4 and S-10; twenty (20) MPH.

2. Speed Restrictions-Maximum thirty-five (35) MPH. At Taylors Falls, between passenger station and turn-table switch, eight (8) MPH. At Wyoming—Approach No. 61 highway crossings at restricted speed.

See also Bridge and Engine Restrictions.

3. Clearance Exceptions-At Taylors Falls-Trains will not require clearance except during assigned hours of telegraph service.

ALL SUBDIVISIONS.

1. Transportation Rule 11 is modified as follows: A train finding a fusee burning on or near its track may proceed at restricted speed without stopping.

- Lights will be displayed at night on all main line train order signals. On Branch line subdivisions where lights are not displayed on day office train order signals, all trains will positively ascertain position of signal and be governed by the day indica-
- 3. Transportation Rule D-97 applies to all divisions.

4. Transportation Rule 105 is modified as follows: When a siding of an assigned direction is blocked with cars, or taken out of service for any reason, the siding of the opposite direction will be used as a single siding. At lap sidings, unless otherwise provided, trains taking siding must head in at the lap.

5. IN AUTOMATIC BLOCK SIGNAL TERRITORY: When moving with the current of traffic, or on single track, where the automatic block signals governing the track in use are of the semaphore type and can be plainly seen from the rear of a standing train to be at stop, such signal being not less than one-half mile from the rear of such train, it will not be necessary to protect the train by a flagman. Under all other circumstances, Rule 99 must be observed.

Transportation Rule 501B is modified as follows: INDICA-TION—Approach next signal prepared to stop. Block is clear;

second block in advance is not clear.

Transportation Rule 509B is modified as follows: It must be understood that such signal indication may be due to an opposing train proceeding into the same block at the opposite end under an approach signal indication Rule 501B and before proceeding into the block every precaution consistent with running orders and the nature of the track ahead should be taken to insure safe movement through the block.

When a train dispatcher desires to advance a train from a station where by rule it should enter the siding before passing a train order office, he may instruct the operator to use white signal as prescribed by Transportation Rule 12c. The engineman may then continue to move his train on the main track to the signal at restricted speed and there be governed by train orders that are addressed to his train.

6. Transportation Rule 606: Emergency Signals are not used at interlockings or drawbridges operated by the Northern Pacific Rail-

7. Transportation Rule 728 is modified as follows: The red flag by day, and in addition the red light at night, will be placed twenty (20) rail lengths distant from the point of obstruction instead of fifty (50) rail lengths. The flagman will be located with the yellow signals, one mile distant beyond the red signals. On the approach of a train the flagman will display the yellow signals, which must be acknowledged by the enginemen in accordance with Rule 14(g). In territory authorized by the Superintendent, the yellow signals will be placed as prescribed and the flagman will not be required except during fog, storms or otherwise bad weather.

8. Transportation Rule 1062, requiring the making of running brake test on passenger trains, must also be observed on all passenger trains following departure from terminals, or from a station at which either train or engine crews, or both of them, have been changed, or where switching has been done.

Enginemen will acknowledge proceed signals of trainmen by two

(2) short blasts of the whistle.

9. When a siding is to be used temporarily as a main track, the switches will be set and locked for the siding and must be protected by flagman until train order covering the movement is issued to all trains and the section foreman of that section notified; the flagman to remain until released by the train dispatcher.

10. Helper engines waiting to help trains will keep clear of main track until train to be helped has arrived and stopped.

11. In case of failure of communicating signal system on passenger trains, and on freight trains when conditions permit, enginemen will receive "proceed" signal before passing any station.

12. SPEED RESTRICTIONS—Except as otherwise provided; Pas-

senger trains, sixty (60) MPH.
Freight trains, fifty (50) MPH, except when restricted to lower rate of speed by engine speed restriction.

ENGINES—All A, Q and P classes, and classes S-4 and T, sixty (60) MPH, except when used on passenger trains where higher speed is authorized; Z-6 sixty (60) MPH; other Z classes, thirtyfive (35) MPH. All other classes fifty (50) MPH. Switch engines under steam, moving between stations, fifteen (15) MPH. ALL TRAINS AND ENGINES-Ffteen (15) MPH through crossovers, turnouts and gauntlets; twenty-five (25) MPH passing telegraph offices where orders are delivered; thirty (30) MPH over interlocked crossings, and when handling steam wrecking derrick, pile driver or locomotive crane.

To avoid damage to rail and bridges by moving locomotives having main or side rods down, over the road at too high a speed, the

following speeds will be maximum permitted:

On Main Line-

With main and side rods removed:	7
All A and Q classes30	MPH.
All other classes	MPH.
With main rods removed and side rods in place:	
All A and Q classes35	MPH.
All other classes30	MPH.
On Branch Lines-	
With either or both main and side rods removed:	
All A and Q classes	MPH.
All other classes20	MPH.
Over Bridges-Main or Branch Line20	MPH.

Engines with either or both main and side rods removed shall not be moved over any bridge at a speed in excess of twenty (20) MPH and the speed shall be further reduced over bridges which carry speed restrictions against the class of power being so moved. In the latter case, the speed of an engine with rods removed shall be reduced over the bridge to one-half the restricted speed for that engine in working order, as shown under "Bridge and Engine Restrictions."

13. Bridge Restrictions for Single and Double Header Engines-Where no mention is made of single or double heading, the instructions apply alike to single and double header engines of

An engine of any class double-headed with an engine of lighter class will carry the same restrictions as if the heavier engine were double-headed with its own class, unless instructions to the contrary have been issued.

14. SPRING SWITCHES-

Maximum speed for all facing point and trailing point movements through switch fifteen (15) MPH. Trailing movements on the track for which the switch is normally lined may be made at normal speed.

Trains trailing through or stopping on a spring switch must not back up or take slack until points have been thrown by hand. Flying switches over or through spring switches are prohibited. When operated by hand, lever must be moved slowly, keeping a steady pressure on the handle until the switch is thrown and the handle is in the notch on the switch stand provided for it. When signal governing block in which spring switch is located is at stop, or where automatic block signals do not govern account trains running against current of traffic, facing point movements must not be made over switch until points have been examined.

Sand must not be used over points of spring switches.

- 15. Before moving a work or wrecking train, the whistle signal (14-b) or (14-h) must be sounded for the protection of men working about such trains.
- 16. Gas-electric motor cars, when handled in freight trains, must be behind caboose.

Test of hand brakes of gas-electric motor cars must be made once each trip. If crew has charge of moving car prior to leaving initial station, test must be made during such movement; otherwise, as soon as possible after leaving initial station. On cars equipped with "Deadman's Control", conductor and engineman will cooperate in making test.

- 17. Precautions must be taken on double track to prevent accidents from swinging doors or other loose construction attached to cars or locomotives. Trains handling logs must stop when being met or passed by passenger trains.
- 18. BULLETIN STATIONS-

Ashland. Soo Line Passenger Station.

Duluth. Union Depot, Rices Point Yard and Roundhouse,
Soo Line Passenger Station. Soo Line Passenger Station.

Superior. Soo Line Yard and Roundhouse.
Carlton. Passenger Station and Roundhouse.
Ironton. Passenger Station.
Staples. Passenger Station, Yard and Roundhouse.
Rush City. Passenger Station.
White Bear Lake. Passenger Station.
St. Paul. Miss. St. Yard and Roundhouse, CMStP&P Yard and Roundhouse.

19. STANDARD TIME CLOCKS-

Duluth. Carlton. Brainerd. Staples. Hinckley. Rush City. White Bear Lake.

20. WATCH INSPECTORS—

Duluth Louis Pederson. Superior L. J. Howatt.
Brainerd C. L. Burnett.
Staples C. E. LaBonte.
Ironton D. R. Sandstrom. CloquetL. A. Freeman. St. Paul Northern Watch Co. Minneapolis Allen and Berg.

NOTE

Schedule meetings or passing stations are indicated in full-faced type; numbers of the trains meeting, passing or being passed will not be shown.

RAILROAD CROSSINGS AND INTERLOCKINGS

First Subdivision-

ASHLAND

C. & N. W. and Soo Line Crossings.

ASHLAND JCT.

C. St. P. M. & O. Crossing.

ALLOUEZ

N. W. C. Crossing-Interlocked.

EAST END

C. St. P. M. & O. Crossing-Interlocked.

Second Subdivision-

CENTRAL AVENUE

G. N. Crossing-Interlocked.

POKEGAMA

Interstate Crossing-Interlocked.

STATE LINE

G. N. Crossing-Interlocked.

CARLTON

Third Sub-Div. Crossing-Interlocked.

Soo Line Crossing-Interlocked.

Third Subdivision-

CARLTON

Second Sub-Div. and G. N. Crossings-Interlocked.

HINCKLEY

G. N. Crossing-Interlocked.

BALD EAGLE

Soo Line Crossing-Interlocked.

Fifth Subdivision-

CARLTON

Third Subdivision Junction-Interlocked.

SPEED TABLE

Time P Mins.	er Mile Secs.	Miles Per Hour	Time P Mins.	er Mile Secs.	Miles Per Hour	Time P Mins.	er Mile Secs.	Miles Per Hour
1		60	1	20	45	2	45	21.8
1	1	59	1	25	42.3	2	50	21.2
1	2	58	1	30	40	3		20
ī	2 3	57.1	1	40	36	3	9	19
1	4	56.2	1	45	34.3	3 3 3	20	18
1	5	55.3	1	50	32.7	3	31	17
1	6	54.5	2 2		30	3	45	16
1	7	53.7	2	10	27.6	4		15
1	8	52.9	2	15	26.6	5		12
ī	9	52.1	2	20	25.7	6		10
ī	10	51.4	2 2	30	24	7	30	8
1	12	50	2	40	22.5	10		6
ī	15	48						

TONNAGE RATING-FREIGHT ENGINES

Subdivision	District	Class	of Er	igines
		Т	w	W-3-5
	Central Ave. to Iron River	1200	1650	
First Eastward	Iron River to Ashland	1350	1850	
First Westward	Ashland to Central	1100	1500	
	Staples to Brainerd	3500	5400	8500
Second Eastward	Brainerd to Duluth	2650	4200	6000
	Ironton to Central Ave		5000	8000
	Duluth to Sawyer	1150	1600	2600
Second Westward	Sawyer to Brainerd	2300	3500	5200
	Brainerd to Staples	2800	4000	5900
Mary Control	White Bear Lake to Hinckley	2250	3450	4000
	Hinckley to Groningen	2150	3100	3700
Third Eastward	Groningen to Carlton	2800	3900	5800
	Carlton to Duluth	2600	3500	5200
	Duluth to Carlton	950	1300	1800
Third Westward.	Carlton to Hinckley	2300	3700	5400
	Hinckley to White Bear Lake	2600	3900	5900

MAXIMUM CLEARANCES.

							LIM	LIMIT OF LOAD MEASUREMENT.	LOA	D ME	ASURE	MEN	٦.						
								Heig	ght Ab	Height Above Top of Rail	of Rs	41.							
	1 ft.	2 ft. Wide	3 ft. Wide	4 ft. Wide	5 ft. Wide	6 ft. Wide	7 ft. Wide	7 ft. 6 in. Wide	8 ft. Wide	8 ft. 6 in. Wide	9 ft. Wide	9 ft. 6 in. Wide	10 ft. Wide	10 ft. 2 in Wide	10 ft. 6 in. Wide	11 ft. Wide	11 ft. 6 in. Wide	Max. Hgt.	Max. Wth.
1.4 G.L. Meridon Appland to Root End	21,0,,	_	21,0,,		21,0,,	21,0,,	21.0.,	21.0"	21,0,12	21.0"	21,0,, 2	21,0,, 5	21,0,, 2	21,0,, 2	21.0,, 5	21,0,,	21,0,12	21.0,,	,,8,11
186 Sub-uvision, named to the stanfes	20,3"	20'3"	20'3"	1	20/3"	20/3"	20/3"	20,3"	20,3"	20/3"/	20,3,, 5	20,3,, 5	20,3,, 5	20,3", 2	20,3", 2	20,3,,	20,3,,	20/3"/	11,6,,
and Sub-division, Duluth to White Bear Lake 20/3/	20/3"	20/3"	20/3"	-	20/3"	20/3//	20/3"	20,3"	20,3,,	20,3" 2	20'3" 2	20/3" 2	20,3,, 2	20,3" 2	20,3,, 5	20,3"	20,3,,	20/3"/	,,9,11
ord Sub-division, Duntan to 11 mo Don	30,3	30,3,,	20'3"		10000	20,3"	20/3"	20'3"	20,3,,	20,3,, 5	20,3,, 5	20'3" 2	20,3,, 2	20,3,, 2	20,3,, 5	20,3,,	20'3"	20'3"	,,9,11
4th Sub-division, Deal wood to 110 master	30,3	20,3	30/3"	# 6 Balanta	1		20,3,,	20,3"	20,3,,	20,3,,	20,3", 2	20.3"	20,3,, 5	20,3,, 2	20,3,, 5	20,8,,	20,3,,	20'3"	11,6,,
oth Sub-division, Carnton to Conduct. 18'11	18/11/	18/11/	"18'11" 18'11"	18,11,"	18/11"	18/11/	18/11"	8'11"	18/11" 18/11"	18,11,"	18/11//1	18/11" 18/11"	8'11"1	18/11″1	18,11,,,1	18,11,,	18/11″	18,11,"	11,8,,
7th Sub-division, Taylora Falls Yard to	20′3″	20,3"	20'3"	20,3,,	20,3"	20,3,,	20'3"	20,3,,	20/3//	20.3"	20'3" 2	20,3,,	20'3" 2	20,3,, 5	20/3" 2	20.3,,	20,3,,	20,3"	11,8,,