

Aug 23, 2022

Truck Platooning Approved Plan -

Minnesota Statutes, section 169.881, provides that a person may submit a request to the commissioner of transportation to use a platooning system on certain roads only in the state of Minnesota. The commissioner is authorized to grant or deny the request and accompanying plan and may place reasonable conditions and restrictions to ensure public safety, minimize congestion, or prevent undue damage to roads or structures.

A copy of this plan must be kept in each vehicle operating in the platoon. When the vehicles identified in this plan are operating on roads not approved by the commissioner, the platooning system must be disengaged, and the human driver must be in full control of operating the vehicle.

Issued to:

CHS, Inc.
Adam Leclerc
Sr. Director Supply Chain - Sales & Operations Execution

Valid from:

Aug 23, 2022 to Aug 22, 2023

Plan details:

Total length of vehicle platoon— approximately 210 feet

Configuration of the vehicle platoon— 2 commercial trucks with 50 feet between

Vehicle identification information— CHS DOT Number : 124419

CHS Truck Identification :

- a) CHS Class 8 Truck #1
 - a. Make/Model : Mack/Anthem
 - b. VIN : 1M1AN4GY9NM027089
 - c. Truck License : PAV2044
- b) CHS Class 8 Truck #2
 - a. Make/Model : Mack/Anthem
 - b. VIN : 1M1AN4GYXNM027084
 - c. Truck License : PAV2045

Approved time frames the vehicle platoon will be operating - Avoid testing on the weekends before and after a nationally observed holiday.

Inclement Weather & Road Conditions - Movement is not allowed during hazardous weather or road conditions, or when visibility is less than 500 feet, or when weather conditions prevent the vehicle from staying within its travel lane.

Approved route and segments of freeway or expressway:

- MN Trunk Highway 60 between Mankato, MN and Madelia, MN as approved in original platooning plan dated June 22, 2022, and the newly added segments of
- MN Trunk Highway 60 between Madelia, MN and the interchange of Interstate 90; and
- Interstate 90 between the interchange with Trunk Highway 60 and Fairmont, MN.

Acceptance of requirements and restrictions

CHS, Inc. hereby agrees to follow any applicable provisions of Minnesota Statutes, chapter 169, governing the operation of motor vehicles; the restrictions deemed necessary by the commissioner; and Minnesota Statutes, section 169.881, subds. 4 and 5, as detailed below.

Vehicle platoons must meet the following requirements:

- (1) the platoon must not include more than three vehicles;
- (2) each vehicle in the platoon must have a platooning system installed;
- (3) while platooning, each vehicle must have the platooning system engaged;
- (4) each vehicle in the vehicle platoon must have a human driver present and in the driver seat who is monitoring performance of the vehicle at all times and who holds a valid driver's license for the type or class of vehicle being driven;
- (5) each vehicle in the platoon must meet the vehicle height, width, and weight limits under chapter 169;
- (6) each vehicle in the platoon must be covered by minimum liability insurance; and
- (7) a vehicle platoon must allow reasonable access for the movement of other motor vehicles to change lanes and enter or exit the roadway.

Additional restrictions applicable to the specific request:

- No operations in Trunk Highway (TH) road construction zones:
 - o TH60 segment between south junction of TH 15 and the north junction of TH 15 near Madelia as restricted in original platooning plan dated June 22, 2022 with an estimated completion date of October 6, 2023; and
 - o TH60 segment from 0.6 miles east of TH 4 to TH 15; started July 5, estimated completion of October 1, 2022; and
 - o TH60 segment from 2 miles west of the S JCT of US 71 to TH 62; estimated start of September 1 and estimated completion of October 1, 2022
- No system operations in reduced speed zones leading up to, through, and leaving the City of Windom.
- No system operations closer than 0.5 miles in advance of and within the I-90/TH 60 interchange

*****MnDOT reserves the right to revoke or modify a platooning plan, even after issuance, if needed to ensure public safety, minimize congestion, or prevent undue damage to roads or structures.*****

This truck platooning plan is approved by:

Jean Wallace

Deputy Commissioner and Chief Engineer

Minnesota Department of Transportation

jean.wallace@state.mn.us