

DEPARTMENT OF TRANSPORTATION

DIVISION OF TRAFFIC OPERATIONS

P.O. BOX 942873, MS-36

SACRAMENTO, CA 94273-0001

PHONE (916) 654-2366

FAX (916) 653-6080

TTY 711

www.dot.ca.gov

*Making Conservation
a California Way of Life.*

Transportation Permits Policy Memorandum

Subject: LEGAL SIZE VEHICLE WITH TELEMETRY DATA GATHERING SYSTEMS
Date: May 18, 2023
Policy: TPPM 2023-02
Reference: CTPAC WG12-041723-002

Objective

This policy will:

- Temporarily define telemetry data gathering systems to include camera monitoring systems (CMS), LIDAR, RADAR and accessories (e.g., sensor racks, transducers etc.).
- Administer permit issuance to these extralegal width trucks until telemetry data gathering systems are defined in the California Vehicle Code (CVC).
- Add Section 202.13 (a) of the Transportation Permits Manual.

Background

Telemetry data gathering sensors represent a new technology which provides telemetry data essential to the safe navigation of autonomous vehicles. When mounted as a load on an auxiliary rack, the nature of the sensor rack's mounting is such that it cannot be easily removed from the vehicle, even when the sensors are not in use. When a sensor rack is attached to an otherwise legal size and legal weight truck, the truck may exceed the legal width. Telemetry data sensors are a new technology and have not been defined in the CVC. Until this technology is defined in the CVC, these extralegal width vehicles must obtain a permit for travel on the California State Highway System.

Existing Documentation

California Vehicle Code

Section 35100. (a) The total outside width of any vehicle or its load shall not exceed 102 inches, except as otherwise provided in this chapter.

Section 35780. (a) The Department of Transportation or local authorities, with respect to highways under their respective jurisdictions, may, at their discretion

TPPM 2023-02
Legal Size Vehicle with Telemetry Data Gathering Systems
May 22, 2023

upon application and if good cause appears, issue a special permit authorizing the applicant:

(1) To operate or move a vehicle or combination of vehicles or special mobile equipment of a size or weight of vehicle or load exceeding the maximum specified in this code.

Transportation Permit Manual Changes

1. Insert the following new section:

Chapter 2 Section 202 Annual Permit

Section 202.13 (a) STAA Truck Hauling 11'0" Wide Load comprised of Telemetry Data Gathering Systems, Otherwise Legal

Width	11' -0" maximum
Length	Legal per CVC 35401.5
Height	Legal (14' -0")
Weight	Legal
Overhang	Legal
Range	Statewide, except on designated red routes in the annual pilot car maps



THOMAS SCHRIBER Chief
Office of Commercial Vehicle Operations

May 18, 2023

Date