

# CONSTRUCTION PROCEDURES HANDBOOK

SECTION VI	SUBSECTION F-1	DATE
CONSTRUCTION OPERATIONS	TRUCK WEIGHT MONITORING	08/12/2016

**Highway:** Any street or road currently open to the public and any proposed road within the project limits which has reached the subgrade stage of construction.

**Overweight Truck:** A truck used to transport construction material onto and/or off Highways, having a gross weight in excess of the maximum allowable gross weight for that type of truck or a tractor-trailer combination or commercially registered vehicle that exceeds the individual axle weight criteria as governed by N.J.S.A. 39:3-84.

**Gross Vehicle Weight (GVW):** The total weight of the vehicle and load.

**National Highway Interstate System (NHI):** The Interstate system and principal arterials (highways that provide access to a major transportation facility)

On all public Highways within the State of New Jersey the maximum GVW is governed by N.J.S.A 39:3-20. The maximum GVW is based on the center to center outer axle spacing and the number of vehicle axles. This method of determining the maximum GVW is based on the Bridge Formula created by the FHWA.

The following applies when checking GVWs:

Non NHI Highways (State and local roadways)

Number of axles	center to center outer axle spacing	maximum GVW
3	37 feet	63,000 lbs
4	37 feet	69,825 lbs.
5	53 feet	80,000 lbs

(In accordance with NJSA 39:3-20 a 5% allowance is given for GVWs up to the 80,000 lbs maximum)

NHI Highways (Interstate routes)

Number of axles	center to center outer axle spacing	maximum GVW
3	37 feet	60,000 lbs
4	37 feet	66,500 lbs
5	53 feet	80,000 lbs

A truck that has a New Jersey commercial registration with a "Code 41" classification (constructor), is exempted from the axle weight criteria and is simply restricted to a 70,000 lbs GVW.

The RE will monitor for Overweight Trucks as follows:

First determine if the haul route contains NHI or non-NHI Highways.

**1. Trucks Hauling Material with Certified Weight Tickets:**

Review each delivery ticket for the truck's GVW and compare it to the maximum GVW shown above for the # of axles and type of Highway. The RE is to assume the axle spacing is as shown above.

**2. Trucks Hauling Material without Certified Weigh Tickets:**

As specified in Subsection 105.09 of the 2007 Standard Specifications the Contractor is required to submit the following for each Item with a delivery volume greater than 5,000 cubic yards on Highways:

1. A list of all trucks used to transport material for that Item.
2. The certified tare weight, license plate and motor vehicle classification for each truck.
3. The certified weigh ticket of the GVW for the first load of each truck for each Item.

Overweight Truck occurrences are not random Overweight Trucks but rather a pattern or repeated event.

The following process is to be followed should Overweight Truck occurrences be encountered:

1. First occurrence – Provide a letter (see Attachment #1) to the Contractor listing the date(s), trucks, weights tickets (if applicable) and other information indicating the Overweight Trucks.
2. Second occurrence - Provide a letter (see Attachment #2) to the Contractor listing the date(s), trucks, weights tickets (if applicable) and other information indicating Overweight Trucks. Require the Contractor to submit a corrective action plan for approval.
3. Third occurrence –The RE will notify the Regional Construction Engineer (RCE) and the Field Manager of the situation.

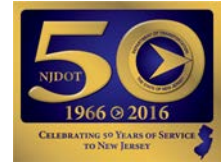
The RCE may decide to contact the NJSP Commercial Carrier Safety Unit for assistance. If the RCE contacts the NJSP, the RE will provide the Contractor a letter indicating that the NJSP Commercial Carrier Safety Unit has been contacted and that they may be monitoring trucks used on the project.

The RCE may direct the RE to direct the Contractor, in writing, to stop all work that has been associated with the Overweight Trucks until corrective action, satisfactory to the RE, is taken by the Contractor.



## State of New Jersey

DEPARTMENT OF TRANSPORTATION  
P.O. Box 600  
Trenton, New Jersey 08625-0600



CHRIS CHRISTIE  
*Governor*

ATTACHMENT #1

RICHARD T. HAMMER  
*Commissioner*

KIM GUADAGNO  
*Lt. Governor*

Date:

"Contractor"

Subject: Overweight Trucks

Attention

Gentlemen:

On (specify date or dates) you were in non-conformance with Specifications, Subsection 105.09 of the 2007 Standard Specifications, "LOAD RESTRICTIONS." The following trucks hauling materials were found to be in excess of the legal load limits:

(List trucks' company, truck numbers, license plate numbers, delivery tickets numbers, the legally allowed weight(s), the indicated gross weights observed, and any other supporting documentation.)

Examples of listings

L & M Trucking: Delivery Ticket #42519  
Indicated Gross Weight 81,000 lbs  
Legal Gross Weight 78,000 lbs

Soft Concrete Truck # 7: Amount Delivered - 10 CY  
Delivery Ticket # 33101 NJDOT approved - 9 CY  
Therefore, 4000 lbs overweight, based on 4,000 lb/CY

Please correct this matter.

If you have any questions concerning this matter, please contact me.

Sincerely,

RE

c: Field Manager

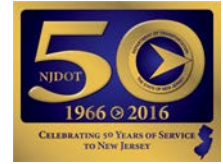
Regional Construction Engineer

file



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CHRIS CHRISTIE  
*Governor*

RICHARD T. HAMMER  
*Commissioner*

KIM GUADAGNO  
*Lt. Governor*

ATTACHMENT #2

Date:

"Contractor"

Subject: Overweight Trucks

Attention

Gentlemen:

On (specify date or dates) you were in non-conformance with Specifications, Subsection 105.09 of the 2007 Standard Specifications, "LOAD RESTRICTIONS." This is the second occurrence of this violation. The following trucks hauling materials were found to be in excess of the legal load limits:

(List trucks' company, truck numbers, license plate numbers, delivery tickets numbers, the legally allowed weight(s), the indicated gross weights observed, and any other supporting documentation.)

Examples of listings

L & M Trucking: Delivery Ticket #42519  
Indicated Gross Weight 81,000 L  
Legal Gross Weight 78,000 lbs

Soft Concrete Truck # 7: Amount Delivered - 10 CY  
Delivery Ticket # 33101 NJDOT approved - 9 CY  
Therefore, 4000 lbs overweight, based on 4,000 lb/CY

Please provide a corrective action plan for approval indicating how this matter will be corrected. If this matter is not corrected, Work may be suspended as specified in Subsection 105.09 of the Standard Specifications.

If you have any questions concerning this matter, please contact me.

Sincerely,

RE

c: Field Manager  
Regional Construction Engineer  
file