

STATE OF NEW JERSEY
VEHICLE SIZE AND WEIGHT PLAN
FISCAL YEAR 2006



**NJ OFFICE OF THE ATTORNEY GENERAL
NEW JERSEY DIVISION OF HIGHWAY TRAFFIC SAFETY**



**NEW JERSEY
SIZE AND WEIGHT ENFORCEMENT PLAN
ANNUAL UPDATE FOR FY 2006**

October 1, 2005 through September 30, 2006

New Jersey's annual enforcement plan update is developed by the New Jersey Division of Highway Traffic Safety, located at PO Box 048, Trenton, New Jersey, 08625. Phone: (609) 633-9300.

I. PRACTICES

A. Operations

New Jersey statutes charge the Division of State Police with the enforcement of the size and weight laws, as well as other applicable sections. Copies of the applicable sections have been submitted in previous documents and are available upon request. Summonses are issued for violations of the excess weight statutes N.J.S.A. 39:3-84, et seq. and the registration statute N.J.S.A. 39:3-20. All oversize and overweight permits are governed by Rules and Regulations promulgated by the New Jersey Motor Vehicle Commission at N.J.A.C. 13:18-1.1, et seq.

The Division of State Police will have 45 State Troopers, four of which are administrative staff, assigned to the Commercial Carrier/Safety Inspection Unit for the purpose of enforcing size and weight laws in the State. Each trooper will work 40 hours per week or 5 eight hour shifts per week. All personnel assigned to the Unit are trained and certified in both stationary and portable scales. Personnel in the Hazardous Material and Emissions Unit are also utilized to implement size and weight enforcement activities.

The scales will be in operation for at least a period of 8 hours per day 5 days per week. Portable scale operations will also be scheduled throughout the State on a regular basis. Supervision of State Police weigh personnel will remain with the Traffic Bureau located in West Trenton. No other state agency provides personnel for enforcement. All other state agencies are involved in support functions.

B. Permits

N.J.S.A. 39:3-84d provides for the New Jersey Motor Vehicle Commission to authorize and promulgate rules and regulations for special permits.

The State issues nondivisible single trip permits. No annual permits are issued.

Permit Fee Structure

1. Nondivisible Single Trip Overweight Permit

\$10.00 plus \$5.00 per 2,000 lbs. or fraction thereof overweight.

2. Single Trip for Overdimensional Loads and Vehicles

\$10.00 for 8 feet 6 inches wide up to 14 feet wide and length to 63 feet.

\$10.00 plus \$1.00 per foot or fraction thereof greater than 14 feet wide and/or 63 feet long.

3. Single Trip Overweight and Overdimensional

Two permits are needed, one for overweight and one for overdimensional.

\$10.00 plus \$5.00 per 2,000 lbs. for overweight plus \$10.00 for 8 feet 6 inches wide up to 14 feet wide or 63 feet long.

\$10.00 plus \$1.00 per foot for greater than 14 feet wide.

\$10.00 plus \$1.00 per foot for longer than 63 feet.

C. Penalties

The chart below represents penalties for size and weight limits of vehicles and weight registration. These penalties continue to be the same as last year.

Gross or Axle Weight
\$50.00 or .02 per pound for 1-10,000 lbs.
.03 per pound for 10,001 lbs.
Violation of Vehicle Weight Registration
\$500.00 plus \$100.00 per 1,000 lbs if the gross weight exceeds the registered weight.

II. BUDGET

1. Scale Construction

- Permanent truck scale
Scope needs and construction. **\$8,045,000**

2. Personal Services

- Department of Transportation **\$314,715**
 - Division of State Police
Personal Services **\$4,600,000**
(training, travel, salaries, fringes, etc.)
 - New Jersey Motor Vehicle Commission **\$392,668**
- Proposed Budget for FY 2006 **\$13,352,383**
Budget for FY 2005 **\$9,312,594**

III. RESOURCES

A. Agencies

1. New Jersey Department of Transportation

The Department of Transportation is responsible for construction of the State's commercial scale facilities. The Office of Freight Services coordinates size and weight enforcement policies between the Division of State Police and the Division of Highway Traffic Safety.

The WIM equipment is maintained by staff at the Department in the Bureau of Data Transportation Development. These employees are also responsible for collecting and analyzing the data from the WIM sites.

2. New Jersey Division of State Police

The Division of State Police has authority to enforce all State laws throughout the State. The Commercial Carrier/Safety Inspection Unit within the Traffic Bureau has responsibility for management and supervision of size and weight enforcement activities of the various State Police road patrols.

Number of permanent scale personnel:..... **45¹**
Number of portable scale personnel:..... **21**
Number of uniformed personnel:..... **1,613²**

¹Includes 41 field personnel and 4 administrative staff members.

²Includes personnel listed above as well as personnel in the Hazardous Material and Diesel Emissions Unit.

3. New Jersey Motor Vehicle Commission

The central agency for issuing overdimensional permits is the Bureau of Motor Carriers.

There are four permit clerks who calculate the fees and issue the permits.

4. New Jersey Division of Highway Traffic Safety

The Division is responsible for the preparation of the Size and Weight enforcement plans and the annual certification.

5. Office of Weights and Measures, Department of Law & Public Safety

Responsible for testing and certifying all scales. The scales are tested and certified annually.

There are no full time maintenance technicians to perform maintenance at weight facilities in the state. If scales become inoperable due to mechanical failure, repairs are made by Toledo National Scale.

IV. FACILITIES AND EQUIPMENT

New Jersey is divided into three geographical districts. Each district uses fixed scales, portable scales and WIM systems. Special details are organized regularly and used in all parts of the state. Portable scale crews are operational on a full time basis. The teams work a 5 day week. Location is determined by complaint and increased traffic use.

A. Permanent Scales

1. The permanent truck scales listed below are utilized in the enforcement of the vehicle size and weight program. These scales are anticipated to be operational throughout Federal Fiscal Year 2006 with the exception of the scale located in Knowlton Township. The scales are located in:
 - a. Carney's Point Township, Salem County at milepost 3.5 and I-295, northbound.
 - b. Knowlton Township, Warren County at milepost 2.3, I-80 eastbound.³
 - c. Piscataway Township, Middlesex County, I-287 north bound.
 - d. Greenwich Township, Warren County at milepost 4, I-78, eastbound.

The scale in Bordentown Township, Burlington County at milepost 35.2 has been condemned. The Division of State Police continue to utilize the parking area for commercial motor vehicle inspections.

³The scale in Knowlton Township is in the process of undergoing major repairs. It is anticipated that the scale will be repaired and operational for weight enforcement in Federal Fiscal Year 2006.

2. The Department of Transportation will continue to collect truck weight and vehicle classification data for a variety of planning and pavement design purposes using permanent Weigh-In-Motion systems (WIM). These systems will be used exclusively for the collection of data and do not meet the statutory or regulatory requirements of the State Superintendent of Weights and Measures to be certified for use in enforcement. The Department of Transportation is also scheduled in Federal Fiscal Year 2006 to have repairs completed on systems that have been inoperable.

A list of WIM locations is listed below.

County Rte.539	mp 29.3	Plumstead Township
County Rte.551	mp 6.8	Upper Pittsgrove Twp.
County Rte.653	mp 2.6	Secaucus
Doremus Ave.	mp 2.3	Newark City
NJTPK	mp 0.8	Carney's Point
I-78	mp 14.5	Union
I-78	mp 25.7	Readington
I-78	mp 34.5	Bernards Township
I-80	mp 8.5	Knowlton
I-80	mp 32.4	Roxbury Township
I-80	mp 38.1	Denville
I-80	mp 66.2	South Hackensack
I-95	mp 1.2	Ewing Township
I-95	mp 2.1	Ewing Township
I-195	mp 4.0	Hamilton Township
I-195	mp 9.5	Upper Freehold Township
I-280	mp 5.1	Roseland Borough
I-287	mp 31.7	Harding Township
I-287	mp 61.7	Franklin Lakes
I-295	mp 35.7	Cherry Hill Township
I-295	mp 39.6	Mt. Laurel Township
NJ-15	mp 7.1	Jefferson Township
NJ-17	mp 25.5	Mahwah
NJ-18	mp 16.0	Colts Neck
NJ-18	mp 26.6	Marlboro
NJ-18	mp 44.6	Piscataway
NJ-23	mp 23.8	West Milford
NJ-31	mp 13.0	East Amwell Township
NJ-31	mp 30.1	Clinton Township
NJ-31	mp 40.4	Washington Township (Warren)

NJ-33	mp 23.5	Manalapan Township
NJ-34	mp 0.6	Wall Township
NJ-34	mp 5.7	Wall Township
NJ-52	mp 1.6	Ocean City
NJ-55	mp 27.4	Vineland
NJ-55	mp 37.0	Vineland
NJ-55	mp 57.9	Deptford Township
NJ-68	mp 3.0	Springfield Township
NJ-68	mp 7.0	Mansfield
NJ-72	mp 2.1	Woodland
NJ-72	mp 25.0	Stafford
NJ-73	mp 11.9	Winslow
NJ-94	mp 33.8	Hardyston
NJ-124	mp 7.6	Summit City
NJ-138	mp 2.6	Wall Township
NJ-168	mp 1.3	Gloucester Township
NJ-440	mp 21.4	Bayonne
US-1	mp 18.0	South Brunswick
US 1&9	mp 47.2	Newark City
US-9	mp 111.8	Freehold
US-22	mp 26.6	Readington
US-22	mp 32.3	Bridgewater Township
US-40	mp 3.0	Carney's Point
US-40	mp 28.4	Franklin Twp. (Gloucester)
US 40	mp 61.6	Egg Harbor
US-46	mp 25.2	Mount Olive
US-130	mp 3.4	Penns Grove
US-130	mp 57.0	Bordentown
US-130	mp 70.6	Cranbury
US-202	mp 3.5	West Amwell
US-206	mp 22.0	Southampton Township
US-322	mp 27.5	Monroe Township

3. Operation

- a. Permanent scales are equipped to detect axle, tandem and gross weight violations. Violations are cited based on static scale weights. Permanent scales will be in operation 5 days a week for a period of 8 hours per day (6:00am - 2:00pm). Additionally, each month the scales in Greenwich, Knowlton and Piscataway Townships will be open from 2:00 p.m. to 10:00 p.m. for a period of one week. The scale at Carney's Point will also open each day from 8:00p.m. to 4:00a.m.

4. Proposed Changes

- a. The permanent scale in Bordentown will be used primarily to conduct commercial vehicle inspections. The scale at Knowlton Township should also be operational in Federal Fiscal Year 2006.

Three computer workstations were scheduled to be replaced at the Carney's Point Weigh Station in Federal Fiscal Year 2005. The equipment was unable to be obtained due to budgetary constraints and is planned to be purchased in Federal Fiscal Year 2006.

B. Portable Scales

1. The Division of State Police will continue to use the Haenni portable scales. A total of 67 sets or 134 scales will be placed in service during Federal Fiscal Year 2006. Three additional sets of Haenni scales are scheduled to be purchase in Federal Fiscal Year 2006.

The Division of State Police will utilize Haenni scales for enforcement on the Garden State Parkway and New Jersey Turnpike. PAT scales will also be used by the Port Authority for weight enforcement.

The county law enforcement weigh teams in Bergen and Union Counties will also utilize portable scales. In Bergen County a total of 8 scales will be in use while 24 scales will be utilized by the team in Union County.

2. Operation

- a. The Division of State Police personnel assigned to the operation of the portable scales will again be placed primarily on by-pass routes and the Interstate System for a period of 8 hours a day, five days a week, and possibly special night details to enhance the enforcement program.

- b. Portable scales are used by the county police departments in both Bergen and Union Counties.

OPERATION SCHEDULE		
Permanent Scales	Days	Hours
Bordentown Twp. U.S. 130 and U.S. 206		
Carney's Pt. Twp. I-295	5	6:00am - 2:00pm 8:00pm - 4:00am
Greenwich Twp. I-78		6:00am - 2:00pm 2:00pm - 10:00pm*
Knowlton Twp. I-80 EB	5	6:00am - 2:00pm 2:00pm - 10:00pm*
Piscataway I-287 NB	5	6:00am - 2:00pm 2:00pm - 10:00pm*
Counties with mobile teams		
Bergen Co. (2 three-person teams)	5	6:00am - 2:00pm
Union Co. (3 two-person teams)	5	6:00am - 2:00pm

3. Proposed Changes

- a. * Scale is scheduled to be open between 2:00pm and 10:00pm instead of 6:00am to 2:00pm for a period of one week each month.

V. GOALS

The State has established the following goals.

Short Term

Enforcement Goals	2002	2003	2004	2006
Number of Vehicles Weighed on Permanent Scales	54,586	54,428	50,372	45,000
Number of Vehicles Weighed on Portable Scales	2,486	2,428	1,057	1,100
Vehicles screened by WIM Carney's Point Township	454,882	453,565	419,771	426,100
Axle and gross weight violations	3,286	2,652	1,798	1,825

- A. To submit the Federal Fiscal Year 2005 annual certification by January 1, 2006.
- B. To continue to collect data from county weigh teams to include in the annual certification.
- C. The Department of Transportation continues to move forward with the construction of a permanent weigh station at a site located between Interchange #4 and #6 on I-78. It is anticipated that the scale will be complete and in operation by the Summer of calendar year 2006.

Long Term

The New Jersey Department of Transportation continues to pursue the construction of new weigh stations. The information provided below was gathered from the project managers responsible for administering the activity at these locations.

A. Route I-80 Knowlton Township

The Department of Transportation will continue to work on the weigh station on I-80 in Knowlton Township to repair the damaged site. Upgrades will include the addition of Weigh-In-Motion as well as other renovations to this site. The completion date for the work is estimated from 2 to 3 years. It is anticipated, however, that the scale will be repaired and operational during 2006.

Route I-287

The Department of Transportation is considering two locations on I-287 in its pursuit of locating a site to construct a weigh station. The two sites being considered are located in Franklin Lakes and Mahwah. A study will be conducted and recommendations made as to which site should be pursued.

- B. Develop and implement an off-loading procedure as an enforcement practice at permanent weigh stations.

VI. EVALUATION OF OPERATIONS

The future of New Jersey's size and weight enforcement program is very promising and is expected to provide positive results in Federal Fiscal Year 2006 and beyond. The Division of State Police is expecting additional personnel to be assigned to its truck unit that will result in additional manpower to enforce the size and weight laws. In addition, the new state of the art weigh station, scheduled to be operational in Federal Fiscal Year 2006, should substantially increase the number of vehicles weighed and screened by Weigh in Motion in New Jersey. Furthermore, the scale on I-80 in Knowlton Township should also be operational.

The State will again report violations by scale type as well as a percentage of vehicles weighed for each type of scale. The overall numbers for citations issued are also expected to increase. The State will continue to collect WIM data for planning enforcement details.

Planning for the construction of new truck scales continues to be included as a long range goal.

The Division of State Police proposes to continue to evaluate its enforcement program by: (1) close administrative monitoring of enforcement officers actual activities, (2) reviewing statistical data gathered from officer issued documents and WIM systems, and (3) monthly activity reports categorizing the types of violations including time, location and product and any other information received.

The State maintains records on the number of vehicles weighed and plans to meet or exceed the figures shown in the Measures of Activity Chart. In addition, the number of citations to be issued in a year is not projected; however, these figures can be used as approximations. The State expects to meet or exceed these figures in the next enforcement cycle.

ESTIMATED MEASURES OF ACTIVITY		
VEHICLES WEIGHED	FY 04	ESTIMATE FY 2006
Weighed fixed scales	50,372	45,000
Weighed semiportable scales	0	0
Weighed portable scales	1,057	1,100
Total Weighed	51,429	46,100
Screened by WIM	419,771	426,100
Total Count	471,200	472,200
Percent of change	-8%	+0.21%
Citations issued	1,798	1,825
Axle weight violations	1,345	1,400
Gross weight violations	453	425
Bridge Formula violations	0	0
Total	1,798	1,825
Percent of change	-32%	+1.5%
Other enforcement	503	525
Number of load shifts	104	100
Number of off-loads	0	0
Total	104	100
Nondivisible trip permits	11,188	11,275
Nondivisible annual	0	0
Divisible trip permits	0	0
Divisible annual	0	0
Overwidth divisible	0	0

COMPARISON OF ENFORCEMENT EFFORTS FROM 1993 THROUGH 2004												
NUMBER OF VEHICLES WEIGHED												
YEAR	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
VEHICLES WEIGHED	238,812	114,171	87,676	29,287	46,603	487,103	449,319	470,224	512,323	511,954	510,421	471,200
PERCENTAGE CHANGES	0%	-52.%	-23.%	-70.%	76.%	945.%	-8.%	6.%	9.%	-.07%	-.29%	-8.%
CITATIONS	4,787	2,508	3,266	3,398	3,800	5,873	5,801	3,334	3,565	3,286	2,652	1,798
PERCENTAGE CHANGES	0%	-48.%	30.%	4.%	12.%	55.%	-14.%	-34.%	7.%	-8.%	-19%	-32.%