



STATE OF NEW JERSEY

VEHICLE SIZE AND WEIGHT PLAN

FISCAL YEAR 2007



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



SIZE AND WEIGHT ENFORCEMENT PLAN

ANNUAL UPDATE FOR FY 2007

October 1, 2006 through September 30, 2007

New Jersey's annual enforcement plan update is developed by staff from 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. 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 51 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, with the exception of one, 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 continue to remain 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. The Division of State Police, Transportation Safety Bureau, is responsible for the supervision of State Police weigh personnel. 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 Permits for Overdimensional Load 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 on fraction thereof greater than 14 feet wide and/or 63 feet long.

3. Single Trip Overweight and Overdimensional

Two permits are required, 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 or 63 feet.

\$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 Estimate

1. Scale Construction

- Permanent truck scale
Scope needs and construction. **\$9,200,000**

2. Personnel Services

- Department of Transportation **\$375,000**
 - Division of State Police
(training, travel, salaries,
fringe benefits, etc.) **\$5,000,000**
 - Motor Vehicle Commission **\$425,000**
- | | |
|-----------------------------|---------------------|
| Proposed Budget for FY 2007 | \$15,000,000 |
| Budget for FY 2006 | \$13,352,383 |

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 Bureau of Freight Services works in cooperation with the Division of State Police.

The Weigh-In-Motion (WIM) equipment is maintained by staff at the Department in the Bureau of Transportation Data 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 has responsibility for management and supervision of size and weight enforcement activities of the various State Police road patrols.

Number of permanent scale personnel:	51
Number of portable scale personnel:	50
Number of uniformed personnel:	2,105

3. **New Jersey Motor Vehicle Commission**

The Commission's Bureau of Motor Carriers is the central agency for issuing overdimensional permits. 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**

The Office of Weights and Measures is responsible for testing and certifying all scales. These scales are tested and certified annually.

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

IV. Facilities and Equipment

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 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.
 - c. Piscataway Township, Middlesex County, I-287 north bound.

d. Greenwich Township, Warren County at milepost 4, I-78, eastbound.

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

2. The Department of Transportation continues to collect truck weight and vehicle classification data for a variety of planning and pavement design purposes using permanent WIM systems. 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.

A list of WIM locations that will be maintained by the New Jersey Department of Transportation is listed below.

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 Avenue	mp 2.3	Newark City
I-78	mp 34.5	Bernards Township
I-78	mp 25.7	Readington Township
I-80	mp 66.2	South Hackensack
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 2.9	Carney's Point
I-295	mp 39.6	Mt. Laurel Township
I-295	mp 35.7	Cherry Hill Township
NJ-15	mp 7.1	Jefferson Township
NJ-18	mp 16.0	Colts Neck Township
NJ-18	mp 26.6	Marlboro Township
NJ-18	mp 44.6	Piscataway Township
NJ-23	mp 23.8	West Milford Township
NJ-31	mp 13.0	East Amwell Township
US-322	mp 27.5	Monroe Township

A LIST OF WIM LOCATIONS IS LISTED BELOW

NJ-31	mp 26.4	Readington Township
NJ-31	mp 40.4	Washington Township
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 City
NJ-55	mp 57.9	Deptford Township
NJ-68	mp 2.4	Springfield Township
NJ-68	mp 7.0	Mansfield Township
NJ-72	mp 2.1	Woodland
NJ-72	mp 25.0	Stafford Township
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
NJTPK	mp 0.8	Carney's Point Township
US-1	mp 12.9	Plainsboro Township
US-1	mp 18.0	South Brunswick
US1&9	mp 48.1	Newark City
US-9	mp 111.8	Freehold
US-22	mp 26.6	Readington
US-22	mp 32.3	Bridgewater
US-40	mp 3.0	Carney's Point
US-40	mp 28.4	Franklin
US-40	mp 61.6	Egg Harbor Township
US-46	mp 25.2	Mt. Olive Township
US-130	mp 3.4	Penn's Grove
US-130	mp 57.0	Bordentown
US-130	mp 70.6	Cranbury
US-202	mp 3.5	West Amwell
US-202	mp 19.2	Branchburg Township

B. Operation of Permanent Scales

1. 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 2:00pm to 10pm for a period of one week. The scale at Carney's Point will also open each day from 8:00pm to 4:00am.
2. The only change anticipated in Federal Fiscal Year 2007 is the potential opening of the scale on Route 1-78 between Interchange #4 and #6 in Greenwich Township.

OPERATION SCHEDULE		
Permanent Scales	Days	Hours
Carney's Pt. Twp. I-295	5	6:00am - 2:00pm 8:00pm - 4:00am
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
Greenwich Twp. I-78	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 - 4:00pm

C. Portable Scales

1. The Division of State Police will continue to use the Haenni portable scales. There will be a total of 70 sets or 140 scales placed into service during Federal Fiscal Year 2007.

The Division of State Police will continue to utilize four Henni scales for enforcement on the Garden State Parkway and New Jersey Turnpike.

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

D. Operation of Portable Scales

1. No changes are anticipated during Federal Fiscal Year 2007. 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.
2. Portable scales are used exclusively by the county police departments in both Bergen and Union Counties.

V. Goals

The State has established the following goals.

Short Term

Enforcement Goals	2003	2004	2005	2007
Number of Vehicles Weighed on Permanent Scales	54,428	50,372	44,644	45,075
Number of Vehicles Weighed on Portable Scales	2,428	1,057	562	580
Vehicles screened by WIM Carney's Point Township	453,565	419,771	372,034	405,410
Axle and gross weight violations	2,652	1,798	1,235	1,375

- A. To submit the Federal Fiscal Year 2006 annual certification by January 1, 2007.
- 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 the weigh station on I-78 in Greenwich Township. Construction delays have hindered the opening of the weigh station. It is anticipated that the station will open during Federal Fiscal Year 2007.

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 continues to plan for the weigh station on I-80 in Knowlton Township. Documents on the environmental study and design have received approval, however, funding is not expected to be made available for construction. This will further delay the advancement of the project.

Route I-287

The final report on site selection has been finalized and sent to the Federal Highway Administration. Two locations remain under consideration in Bergen County at Campgaw and Franklin Lakes. No additional progress is anticipated due to the lack of funding.

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

VI. Evaluation of Operations

The State's Size and Weight Enforcement Program is expected to produce an increase in the number of vehicles that will be weighed and screened during Federal Fiscal Year 2007. The number of vehicles screened by WIM at the Carney's Point weigh station is expected to exceed the number produced in Federal Fiscal Year 2005. Data collected from the WIM by the Department of Transportation will continue to be used for planning enforcement details. The new state of the art weigh station in Greenwich Township will undoubtedly improve the size and weight enforcement program when operational and produce results that should exceed prior year efforts. Planning for construction of new truck scales continues to be included, however, the lack of funding will further delay the implementation of this activity.

The State will again report violations by scale type and provide overall numbers of citations issued.

The Division of State Police will 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 and location of 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.

ESTIMATED MEASURES OF ACTIVITY		
VEHICLES WEIGHED	FY 05	ESTIMATE FY 2007
Weighed fixed scales	44,644	45,075
Weighed semiportable scales	0	0
Weighed portable scales	562	580
Total Weighed	45,206	45,655
Screened by WIM	372,034	405,410
Total Count	417,240	451,065
Percent of change	-11%	8%
Citations issued	1,235	1,375
Axle weight violations	886	1,000
Gross weight violations	349	375
Bridge Formula violations	0	0
Total	1,235	1,375
Percent of change	-31%	11%
Other enforcement	559	590
Number of load shifts	7	75
Number of off-loads	0	0
Total	7	75
Nondivisible trip permits	13,410	13,780
Nondivisible annual	0	0
Divisible trip permits	0	0
Divisible annual	0	0
Overwidth divisible	0	0

COMPARISON OF ENFORCEMENT EFFORTS FROM 1994 THROUGH 2005
NUMBER OF VEHICLES WEIGHED

YEAR	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
VEHICLES WEIGHED	114,171	87,676	26,287	46,603	487,103	449,319	470,224	512,323	511,954	510,421	471,200	417,240
PERCENTAGE CHANGES	0%	-23%	-70%	75%	945%	-8%	5%	9%	-0.07	-0.29%	-8%	-11%
NUMBER OF CITATIONS	2,508	3,266	3,398	3,800	5,873	5,061	3,334	3,565	3,286	2,652	1,798	1,235
PERCENTAGE CHANGES	0%	30%	4%	12%	55%	-14%	-34%	7%	-8%	-13%	-32%	-31%