

(10-35)

9/20/10

AN ORDINANCE TO AMEND AND SUPPLEMENT CHAPTER 494, STORMWATER CONTROL

BE IT ORDAINED by the Mayor and Council of the Township of Bloomfield, County of Essex, State of New Jersey as follows:

Section 1. The following Sections of Chapter 494, entitled, Stormwater Control of the Code of the Township of Bloomfield, County of Essex, State of New Jersey is hereby amended as follows:

The following Definitions are hereby added § 494-2 Definitions.

- a. **Municipal separate storm sewer system (MS4)** – a conveyance or system of conveyances (including roads with drainage systems, municipal streets, catch basins, curbs, gutters, ditches, manmade channels, or storm drains) that is owned or operated by the Township of Bloomfield or other public body, and is designed and used for collecting and conveying stormwater.
- b. **Storm drain inlet** - an opening in a storm drain used to collect stormwater runoff and includes, but is not limited to, a grate inlet, curb-opening inlet, slotted inlet, and combination inlet.

The following Sections are added § 494-3 – General Standards

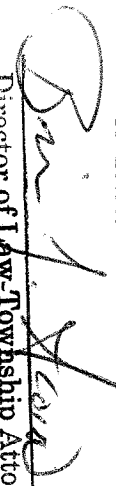
B. REQUIREMENTS FOR THE RETROFITTING OF EXISTING STORM DRAIN INLETS WHICH ARE IN DIRECT CONTACT WITH REPAVING, REPAIRING, RECONSTRUCTION OR RESURFACING OR ALTERATIONS OF FACILITIES ON PRIVATE PROPERTY.

(1) **Prohibited Conduct:**

No person in control of private property (except a residential lot with one (1) single family or one (1) two-family house) shall authorize the repaving, repairing (excluding the repair of individual potholes), resurfacing (including top coating or chip sealing with asphalt emulsion or a thin base of hot bitumen), reconstructing or altering any surface that is in direct contact with an existing storm drain inlet on that property unless the storm drain inlet either already meets the design standard below to control passage of solid and floatable materials; or is retrofitted or replaced to meet the standard outlined below prior to the completion of the project.

(2) **Design Standard:**

Storm drain inlets identified above shall comply with the following standard to control passage of solid and floatable materials through storm drain inlets. For purposes of this paragraph, "solid and floatable materials" means sediment, debris, trash, and other floating, suspended, or "settleable" solids. For exemptions to this standard, see below.

APPROVED AS TO FORM AND PROCEDURE
ON BASIS OF FACTS SET FORTH

Ben J. Ford
Director of Law-Township Attorney

- (a) Design engineers shall use either of the following grates whenever they use a grate in pavement or another ground surface to collect stormwater from that surface into a storm drain or surface water body under that grate:

[1] The New Jersey Department of Transportation (NJDOT) bicycle safe grate, which is described in Chapter 2.4 of the NJDOT Bicycle Compatible Roadways and Bikeways Planning and Design Guidelines (April 1996); or

[2] A different grate, if each individual clear space in that grate has an area of no more than seven (7.0) square inches, or is no greater than 0.5 inches across the smallest dimension.

Examples of grates subject to this standard include grates in grate inlets, the grate portion (non-curb-opening portion) of combination inlets, grates on storm sewer manholes, ditch grates, trench grates, and grates of spacer bars in slotted drains. Examples of ground surfaces include surfaces of roads (including bridges), driveways, parking areas, bikeways, plazas, sidewalks, lawns, fields, open channels, and stormwater basin floors.

- (b) Whenever design engineers use a curb-opening inlet, the clear space in that curb opening (or each individual clear space, if the curb opening has two or more clear spaces) shall have an area of no more than seven (7.0) square inches, or be no greater than two (2.0) inches across the smallest dimension.

- (c) This standard does not apply:

[1] Where the Township Engineer agrees that this standard would cause inadequate hydraulic performance that could not practicably be overcome by using additional or larger storm drain inlets that meet these standards;

[2] Where flows are conveyed through any device (e.g., end of pipe netting facility, manufactured treatment device, or a catch basin hood) that is designed, at a minimum, to prevent delivery of all solid and floatable materials that could not pass through one of the following:

- i. A rectangular space four and five-eighths inches long and one and one-half inches wide (this option does not apply for outfall netting facilities); or
- ii. A bar screen having a bar spacing of 0.5 inches.

[3] Where flows are conveyed through a trash rack that has parallel bars with one-inch (1") spacing between the bars; or


[4] Where the New Jersey Department of Environmental Protection determines, pursuant to the New Jersey Register of Historic Places Rules at N.J.A.C. 7:4- 7.2(c), that action to meet this standard is an undertaking that constitutes an encroachment or will damage or destroy the historic designation of any of the places listed in the New Jersey List of Historic Places.

Section 2. All ordinances inconsistent herewith are hereby repealed.

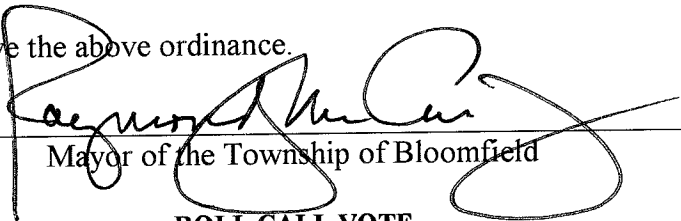
Section 3. This chapter shall take effect immediately upon the approval by the county review agency, or 60 days from the receipt of the ordinance by the county review agency if the county review agency should fail to act and upon final passage and publication in accordance with the law.

* * *

I hereby certify that the above ordinance was duly adopted by the Mayor and Council of the Township of Bloomfield at a meeting of said Township Council held on 9/20/10


Municipal Clerk of the Township of Bloomfield

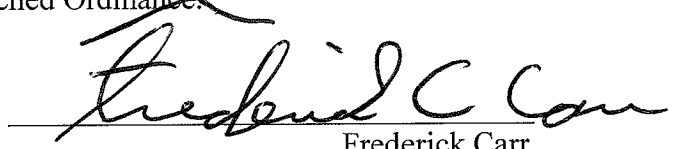
I hereby approve the above ordinance.


Mayor of the Township of Bloomfield

ROLL CALL VOTE

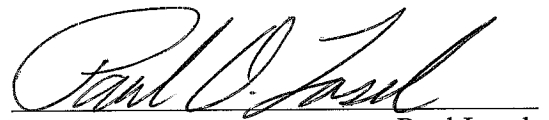
MAYOR & COUNCIL	Y	N	ABSTAIN	ABSENT	Y	N	ABSTAIN	ABSENT
MALY	✓				✓			
JOANOW	✓				✓			
RUANE	✓				✓			
BARKER	✓				✓			
SPYCHALA	✓				✓			
HAMILTON	✓				✓			
McCARTHY	✓				✓			

I hereby approve / disapprove of the passage of the attached Ordinance.


Frederick Carr
Township Administrator

If the Township Administrator disapproves of the attached Ordinance the reasons are as follows:

I hereby approve / disapprove of the passage of the attached Ordinance.


Paul Lasek
Township Engineer

If the Department Head disapproves of the attached Ordinance the reasons are as follows: