

**TOWNSHIP OF CRANFORD
CRANFORD, NEW JERSEY**

RESOLUTION NO. 2022-296

**RESOLUTION AUTHORIZING THE IMPLEMENTATION OF A TOWNSHIP
CURBING POLICY AS A CAPITAL IMPROVEMENT PROJECT**

WHEREAS, the presence of curbing in a roadway improves the pavement life by reducing the amount of water that gets under the pavement and conveys gutter line flow into the stormwater system and/or points of collection; and

WHEREAS, the Township of Cranford has historically approached the installation of new curbing in conjunction with drainage projects; and

WHEREAS, curbing has also historically been installed or replaced in areas with flat gutter line slopes to minimize ponding and to direct water to flow towards the new underground stormwater system; and

WHEREAS, the Township of Cranford's Engineering Department will now consider installation or replacement of curbing as part of a Capital Improvement Project under specific parameters; and

NOW THEREFORE, BE IT RESOLVED that the Township Committee of the Township of Cranford authorizes the Township of Cranford's Engineering Department to consider installation or replacement of curbing as part of a Capital improvement project under specific parameters as follows:

1. When the roadway does not have sufficient gutter line slope to minimize ponding.
 - 0.5% is a minimum slope for a gutter to drain during a rain event.
2. When the roadway has a high groundwater table with sump pump discharges.
 - If high groundwater is suspected, and the gutter line slope is flat (less than 0.5%), icing in the winter could be a concern due to sump pump discharges. For these roadways, the Engineering Department will consider the installation of storm sewers and connection of sump pump discharges, in conjunction with curbing.
3. When the majority of the roadway already has existing curb.
4. When the existing curb height is less than 4 inches.
5. When underground drainage structures are proposed.
6. When the curbing is deteriorated or broken.
7. While curbing is preferred on most roadways, it is not always possible for the following reasons, which should also be considered in conjunction with the factors above:

- Curbing will not be considered on roadways where the installation of same would result in a significant change to the roadway that includes excavating and lowering the entire roadway, especially if the roadway already has positive gutter line slope of over 0.5%
 - Curbing will not be considered on roadways where it would cause a change in the vehicular pattern and parking conditions of the street.
 - Utility company projects do not include the installation or replacement of curbing, unless it has been damaged by the utility company. The utility companies are paving the roads at their cost, as part of their projects to upgrade their utilities.
8. When the installation or replacement of curbing is advisable, the following types of curb, as applicable, should be used:
- Belgian Block curbing will be installed in residential areas and the Special Improvement District, unless the road is a State or County Road.
 - If the predominant type of curb is concrete in a roadway, the Engineering Department will consider installation of concrete curbs to match the existing curbing.

Certified to be a true copy of a resolution adopted by the Township Committee of the Township of Cranford at a meeting held July 7, 2022.


Patricia Donahue, RMC
Township Clerk

Dated: July 7, 2022