

# Aggregate Stabilization Policy

(Adopted by the County Board Dec. 2011)

The following policy has been established to provide guidelines, criteria and procedures for application of aggregate stabilization and dust control products on aggregate surfaced roads.

## Justification

There are segments of roads with significantly higher traffic volumes where the placement of a stabilization or dust control product would improve the serviceability of the road, reduce routine summer maintenance such as blading and regravelling, and significantly reduce the loss of fine material (dust). Control of dust just for the convenience of property owners adjacent to a County road is not economically feasible.

## Criteria

Routes to be considered for stabilization or dust control will be based on the following criteria:

1. Total traffic volume (for example >150 vehicles per day)
2. Heavy truck traffic volume (for example a road with constant gravel hauling)
3. Roads that require higher routine maintenance
4. Other roads designated by the County Board.

In all categories, the segments to be treated shall have logical termini such as from intersection to intersection so as to not adversely affect maintenance activities on other sections of the road.

Final approval of roads for stabilization or dust control application will be at the discretion of the County Highway Engineer.

## Treatment Procedure

The County Highway Department will prepare the road surface prior to the application. This activity may involve blading and/or the addition of gravel. Stabilization and dust control products usually do not work in sandy material; they require fines or clay material.

Dust control treatment is normally placed in June and depending on need again in September. The fall treatment will usually be at ½ the spring rate. The application will normally treat the center 20 feet of the roadway.

There is no standard stabilization treatment procedure; each stabilization product has a different application process. However, the application is usually only done once, not yearly. A yearly application of a dust control product as a top coat may be needed.