
Granular Surfacing

Design Manual
Chapter 7
Pavement

Originally Issued: 12-31-97

Revised: 05-09-17

Grading typical [G 2 GradeGran](#) shows the cross section used for granular surfacing on county roads, median crossovers, and commercial residential, farm, and field entrances. Follow the guidelines below for calculating quantities:

- Granular surfacing placed as stage construction.
 - Stage 1 surfacing is done as part of the grading project. The normal design rate of application is 48 tons per station on county roads and entrances (based on a 3 inch thick layer of Class A crushed stone).
 - Stage 2 surfacing is normally done with the paving project. The normal design rate of application is 16 tons per station on county roads and entrances (based on a 1 inch thick layer of Class A crushed stone).
- For grade-pave projects in which the surfacing cannot be placed in stages, the design rate of application is 48 tons per station on county roads and entrances. This is based on a 3 inch thick layer of Class A crushed stone.

Chronology of Changes to Design Manual Section:

007C-001 Granular Surfacing

5/9/2017 Revised
Changed rates for Stage 1 surfacing and grade-pave projects associated with changes to G_2_GradeGran.

2/9/2017 Revised
Changed rates to tons per station. Explained how values were calculated.

7/29/2011 Revised
Increased grade and grade-pave rates to 40 tons per station (120 MG per station)

12/31/1997 NEW
New material.