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# Granular Surfacing

**Design Manual**  
**Chapter 7**  
**Pavement**

Originally Issued: 12-31-97

Revised: 05-09-17

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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.