

MICHIGAN  
DEPARTMENT OF TRANSPORTATION

SPECIAL PROVISION  
FOR  
**RECESSED PAVEMENT MARKINGS**

PMK:MKB

1 of 1

APPR:MWB:DBP:11-09-23  
FHWA APPR:11-20-23

**Delete subsection 811.03.G.1 on page 8-69 of the Standard Specifications for Construction in its entirety and replace it with the following:**

1. **Grooving Concrete and Hot Mix Asphalt Pavement.** If there are no markings on the pavement, it is the Contractor's responsibility to layout and groove exactly where the permanent markings will be placed. If there are temporary painted pavement markings in the correct location, use these lines as a template for the grooving operation. If there are existing permanent pavement markings in place, remove them in accordance with subsection 812.03.F prior to grooving operations. The removal of any existing pavement markings will be paid for separately.

Use equipment and methods approved by the manufacturer of the pavement marking material to be recessed for forming grooves in pavement surfaces. Dry-cut the grooves in a single pass using self-vacuuming equipment capable of producing a finished groove ready for pavement marking material installation. Utilize stacked diamond cutting heads on all new HMA and PCC surfaces. Substituting polycrystalline diamond (PCD) cutting heads is allowable for HMA and PCC pavements that have been in place for over 1 year and on high friction surfacing installations of any age.

Ensure that the bottom of the groove has a fine corduroy finish. If a coarse tooth pattern results, increase the number of blades and decrease the spaces on the cutting head until the required finish is achieved.