

IOWA DEPARTMENT OF TRANSPORTATION

To Office Bridges and Structures

Date January 4, 2007

Attention All Employees

Ref No. 521.3

From Gary Novey

Office Bridges and Structures

Subject MM No. 156 (Revised Longitudinal Grooving Notes)

The plan notes currently used for longitudinal grooving have now been included in the current General Supplemental 11, article 2412.06A (effective October 17, 2006). For projects currently being developed, the longitudinal grooving notes should not be included in the bridge plans except when the longitudinal grooving quantities are included in road design's paving plans. Therefore, Bridge notes E207/M207, E209/M209 have been voided and notes E205/M205, E206/M206, and E208/M208 revised as shown below.

The Office of Bridges and Structures policy of using longitudinal grooving and the coordinating with Design as noted in the Bridge Design Manual, article 5.2.4.1.2 shall remain the same. If you have any questions, check with Dean Bierwagen or me.

E205/M205: Longitudinal grooving, paving by others

LONGITUDINAL GROOVING WILL NOT BE A PART OF THE BRIDGE PROJECT, BUT WILL BE DONE BY OTHERS PRIOR TO OPENING THE BRIDGE TO TRAFFIC.

When bridge decks (and bridge approaches) are a separate contract, and will be followed by a paving contract responsible for opening the road to traffic, the designer shall calculate the quantity of longitudinal grooving necessary for the bridge deck for inclusion in the paving plan. This quantity shall be forwarded to the Office of Design for their use in developing quantities for the paving project. Remind the Office of Design that our quantity is only for the bridge deck and they will need to calculate the quantity for the approach sections. Note the Design Section will have information about the approaches because they will be included in the paving plan or they had developed them for inclusion in our bridge plan.

E206/M206: Longitudinal grooving, is in a tied project

LONGITUDINAL GROOVING WILL NOT BE A PART OF THIS PROJECT, BUT WILL BE INCLUDED IN ANOTHER PROJECT ASSOCIATED WITH THIS CONTRACT.

Prior to using this note, the designer shall verify with the Office of Contracts that the projects will be tied.

E208/M208: Longitudinal grooving, high performance concrete or improved durability concrete

THE DEVELOPMENTAL SPECIFICATION, DS-_____, FOR _____ INCLUDES REFERENCE TO A BID ITEM FOR "LONGITUDINAL GROOVING IN CONCRETE". AS NOTED IN THIS PLAN, THIS BID ITEM IS NOT PART OF THE BRIDGE PROJECT, BUT WILL BE DONE BY OTHERS.

When bridge plans specify the use of high performance concrete (HPC), Developmental Specification DS-1033, or improved durability concrete (IDC), Developmental Specification DS-1030, the plan shall make reference to the appropriate developmental specification. This developmental specification refers to the bid item "Longitudinal Grooving in Concrete".

If the bridge project will not include this bid item, based on the cases stated in E205/M205, CADD Note E208/M208 shall be placed in the bridge plans.

GAN/dgb/bj