

Safety Grooving & Grinding, L.P.

Next Generation Concrete Surface (NGCS)

Location: Omro, Wisconsin

Work Dates; October 30, 2008 – November 7, 2008



First process was to grind approximately 20,000 SY of concrete pavement using a 4 foot conventional grinding head to meet a smoothness profile of 60 IRI
Second process was to grind approximately 10,000 SY using a 3 foot grinder with a special designed head to leave the surface in a "table top smooth" condition.
Third process was to groove the 10,000 SY of the smooth surface with a special grooving head using 1/8 inch wide blades on a center spacing of 1/2 inch.
This completed the test section for valuation over the next few years.



This was the third section of this type of grinding to be done in the USA. And the first to utilize a complete 3' width blade configuration.
Several people that live on the roadway called the local council to praise the process and could not believe how quiet the new section was.