

**2010 Composite Pavement Construction at MnROAD
Engineer's Weekly Report
Week of April 12 - 16, 2010
Mark Watson, MnDOT**

The second weekly construction meeting was held Monday morning at MnROAD. The planned schedule and work activities for the week were discussed.

Summary of Research and Construction Activities Completed during week of April 19 - 23

Monday, April 19

Stringline was set for trimming of base and subgrade, Demo Slab prepped with loader (Class 6 Aggregate Base)

Tuesday, April 20

Subgrade was cut with the trimming machine, progress was slower than anticipated and the machine had to be stopped and cleaned three times due to wires from previous sensors.

Wednesday, April 21

Subgrade removed with loader as trimmer had mechanical issues. Trimmer started trimming again at 1:00 and finished at 4:00. MnROAD instrumentation set hand holes and conduit.

Thursday, April 22

Subgrade was compacted with a steel drum roller and the ends were ramped with class 3 and 5 aggregate base. Demo Slab aggregate base was trimmed. MnROAD instrumentation continued work on conduits in subgrade. Mn/DOT research collected samples and performed DCP, LWD and FWD tests on the compacted subgrade. CSM crushed PCC at Maple Grove facility.



Friday, April 23

8 inches of Class 5 aggregate base installed in two four inch lifts. MnROAD instrumentation crews completed conduit work, Mn/DOT research placed metallic plates at the top of the compacted subgrade.

Recycled Concrete aggregate will be washed and the Demo Slab will be paved next week.

If you have any questions, please feel free to let me know.

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CC: SHRP 2 Research, Mn/DOT Materials and Road Research, File