

## ***From the Highway Department***

### **Pavement Preservation to Extend the Usable Life of Township Roads**

**C**ommissioner Kim Kiesgen is living up to the Township's Mission Statement of providing quality, innovative and responsible products and services to the Community by utilizing a cutting edge technology in Road Pavement Preservation call FiberMat™. Road Fabrics Inc. and AC Pavement Striping were contracted to FiberMat™ on a section of Molidor Road in front of the Township Road Commission office in order to investigate this technology for the Township.

FiberMat™ is a Pavement Preservation process used to extend the life of a road by waterproofing the surface, delaying future cracks and restoring skid resistance to the road surface all an economical price with little disruption to car traffic. This is done by combining a polymer modified asphalt emulsion with fiberglass strands. A machine developed for the process creates and installs the FiberMat™ membrane by

applying both the fiberglass strands and the asphalt emulsion in a single continuous operation. The strands are sandwiched between two layers of asphalt emulsion in a single continuous operation. The strands are sandwiched between two layers of asphalt forming a membrane that is flexible and strong. Aggregate is then spread over FiberMat™ layer embedding itself in the membrane creating an excellent skid resistance surface. The combination of products absorbs stresses in the pavement structure and greatly delays the onset of cracking.

