



STATE ROUTE 220 - JERSEY SHORE, PA

PROJECT DESCRIPTION

A four mile stretch of SR 220 was broken into three sections. The southbound lane received a micro surfacing treatment and the northbound lane was divided into two - two mile sections. Each two mile section received a 1" thin lay using PG76-22 with one of the sections incorporating FORTA-FI[®].

UPDATE

Penn State University (PSU) collected samples to analyze in their lab. **PSU lab tests confirmed a reduction in rutting and showed the fiber section as 50% more resistance to rutting than the control.** Additionally, the FHWA evaluated field samples in their Mobile Asphalt Testing Trailer (MATT) and provided a full technical report. Field evaluations were performed and skid resistance, international roughness index (IRI), rutting, and transverse cracking were analyzed. **The fiber sections had 27% fewer cracks, 40% less cumulative crack length, and increased dynamic modulus (E*) when compared against the control.**

KEY POINTS

- Extended Pavement Life
- Reduced Rutting & Raveling
- Reduced Cracking

DETAILS

Date: 2013

Location: Jersey Shore, PA

Tonnage: 1,000

Fiber: FORTA-FI[®]

Contact us for more details