

Glen David Drive

11 year update

Date: 2012

Location: O'Hara Township, PA

Advantage: Pavement Life



Technical Specifications

Fiber Reinforcement: FORTA-FI[®]

Application: Resurfacing

Mix Design: PG 64-22

Overlay Thickness: 4.5"

Existing Pavement Distresses: Reflective and Alligator Cracking



Township engineers were looking to extend the life of this heavily cracked cul-de-sac while reducing reflective and alligator cracking. This control vs. fiber project consists of one lane with a 3" intermediate course and a 1 ½" wearing course without fiber, while the other lane uses **FORTA^{fi}** asphalt for both layers.

UPDATE

The **FORTA^{fi}** asphalt shows **minimal signs of cracking after 11 years** of wear and tear. **FORTA-FI's** ability to hold the asphalt matrix is evident. The lighter color of the **FORTA-FI** asphalt shows that the reinforcement fiber is more adequately holding the asphalt fines together. This is also apparent by the visible pothole where the speed bump was removed on the control side. Although the fiber side shows some deterioration, it remains intact.

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