

## West Central Ave & West Spring Street

**Date:** 2015

**Location:** Titusville, PA

**Advantage:** Durability



Russell Standard  
Erie, PA  
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After 3 Years

### Technical Specifications

**Fiber Reinforcement:** FORTA-FI<sup>®</sup>

**Overlay Thickness:** 2"

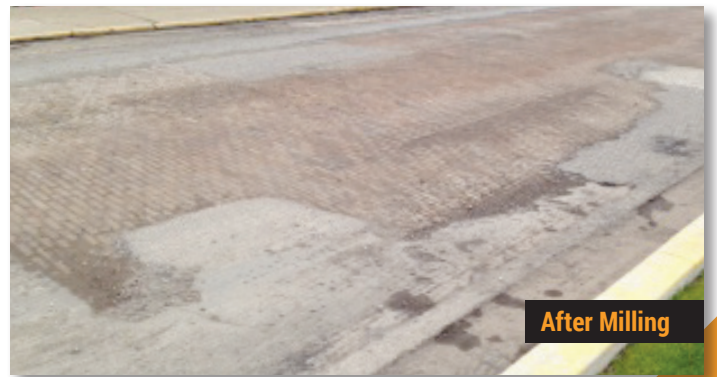
**Plant Type:** Batch Plant

**Mix Design:** PG 64-22

**Existing Pavement:** Brick Pavement Base

This roadway consisted of an asphalt overlay on an old brick pavement base. The durability of previous overlays did not meet expected pavement life. Removing or replacing the brick was not an option due to the cost. Placing a thicker pavement section was also not possible due to physical constraints such as: existing curbs, drainage, and ADA compliant ramps. As a solution to the durability issue, PennDOT District 1-0 elected to use **FORTA-FI** fiber reinforcement to help **improve** the overlay **durability** and **extend the life of the pavement**.

Three years later, the **FORTA<sup>fi</sup>** asphalt is in **excellent condition** and PennDOT District 1-0 plans to continue to use **FORTA-FI** in future situations. Improved pavement durability and extended pavement life without changing existing curbs, drainage, and ADA compliant ramps.



After Milling



During Paving

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