

West Central Ave. & West Spring St.

8-year update

Date: 2015

Location: Titusville, PA

Advantage: Durability



Russell Standard
Erie, PA
www.russellstandard.com



2023

Technical Specifications

Application: Resurfacing

Fiber Reinforcement: FORTA-FI[®]

Overlay Thickness: 2"

Plant Type: Batch Plant

Mix Design: PG 64-22

Existing Pavement: Brick Pavement Base



2015

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.

UPDATE

8 years later, the **FORTA[®]fi** 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.

World-class design services, on-site support. *Contact us to learn more.*