



STATE ROUTE 4016 - ERIE, PA

PROJECT DESCRIPTION

SR 4016 runs through downtown Erie, PA. District 1-0 selected a section of roadway between Glenwood Park Avenue (adjacent to the Erie Zoo) and Old French Road as a test section for FORTA-FI[®]. The District mandates PG64-22 in urban settings and in areas of high turning movement and fibers were added to their existing job mix formula. **The fiber reinforced asphalt was placed in the eastbound lanes (where the road was divided) and in the eastbound and turning lanes (where the road was undivided).** 2" of road was milled, and a 1/2" scratch course was placed followed by a 1-1/2" WMA wearing course which contained no RAP.

UPDATE

In a follow up Field Performance Report, **the fiber reinforced sections outperformed the control sections with an average PCI rating of 71, labeled as "satisfactory"**, while the section without fiber had a rating of 64 and was labeled as "fair".

KEY POINTS

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

DETAILS

Date: September 2012

Location: Erie, PA

Tonnage: 900

Fiber: FORTA-FI[®]

Contact us for more details