

Project Title: **C-08-15 : Determining Binder Flushing Causes In New York State**
PIN: R021.39.881
Responsible Unit: Technical Service - Materials Bureau
Project Manager: Euler, Chris

Project Goal:

To determine the factors contributing to premature flushing pavements. Special attention should be given to the interaction of various crude sources and aggregates native to NYS.

Actions Proposed:

- Analyze all pertinent data compiled from recent premature flushing failures (2007 Season).
- Formulate probable cause of 2007 pavement flushing failures. Synthesize other research done on the topic.
- Determine unique properties of aggregates/binder additives used in NYS which may be a factor in flushing pavements.
- Review current QC/QA activities regarding binder and binder/aggregate interaction and recommend improvements.

Anticipated Work Products and Accomplishments:

- Determine cause of recent failures, and issue an EI preventing future failures.
- Enhanced QC/QA program for binder suppliers.

Proposed Budget: \$322,966