Transitioning Towards SMA – SCDOT Update

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OGFC in SC – Love Hate Relationship
Is the Honeymoon Over? The Reality of Maintenance
OGFC Has Been Our Standard Approach as Sections of Interstate are Rehabilitated
Can We Afford to Maintain it?
Estimated Yearly Cost (USD in Millions)

A Lot of Money

It takes time to get everything covered with OGFC
First Option
Second Option - SMA

No Difference in First 10 Years. 100's of Millions in savings over the next 20 years.

Still A Lot of Money. But, occurs on a longer cycle

Estimated Yearly Cost (USD in Millions)
What is SMA? – gap graded, designed to maximize rutting resistance and durability

SMA

Surface A
General Surface Properties

SMA

OGFC
Where Does all of This Stand Currently

- SCDOT has decided that we must respond to the monetary demands of maintaining OGFC.
- It appears that transitioning to SMA is our best option.
- A special provision has been developed.
- Currently looking for projects. Any volunteers?
- Developing a framework for safety considerations.
  - SMA will be the default surface type for interstate construction. OGFC will not be totally eliminated.