

SIP-1111™ Rejuvenator

*Polymer modification efficiency
enhancer*



Stretch that PG



*SIP-1111™ boosts grade range by 6–12 °C at dosages as
low as 1.5 % by neat binder.*



Bump that binder



Effortlessly provide RAP-ready asphalt to your customers.

Master that MSCR ... for less

Produce premium grades with less polymer!



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case study

"We met PG 58H-34 with our polymer-modified binder—same plant, high RAP, excellent compaction, and a cleaner job. The polymer kept the hot end; the soy delivered the cold-end bump—that's real savings without touching quality."

— County Engineer, Northeast Iowa (2025 demo day)

Who?

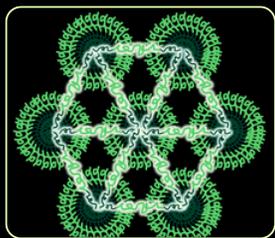


Clayton County, IA — 9.2 mi surface course.

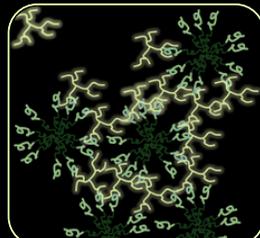
What?



1.5% **SIP-1111™** added to PG58H-28 base to make a PG58H-34 used with 25% RAP



SBS Network Before:
Tight and Dense



SBS Network After:
Distributed elasticity

PG_H ↑
PG_L ↓

RESULTS



Net savings from reduced polymer dosage



U. S. soybeans paved the day



Turn-key implementation



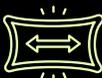
Improves pumpability



Exceptional compaction, ΔTc, workability, and strength



Activates RAP binder



Stretches grade range, prevents oxidation, enhances MSCR



Reduces odors

BENEFITS

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SIP
1111™

Patented technology exclusively from SoyLei Innovative Products