

2025 BIG PICTURE BACKGROUNDER**BIOBASED INFRASTRUCTURE PROTECTION ANSWERS AMERICA'S DUAL NEEDS
FOR BUDGET CONTROLS AND SUSTAINABILITY**

ST. LOUIS, MO, March 3, 2025 - BioSpan Technologies brings important taxpayer savings to the \$100 billion spent each year on U.S. highway maintenance. BioSpan sealants penetrate concrete and asphalt pavements to extend their life, reducing maintenance spending on asphalt roads alone by as much as \$37,140 per lane-mile in a given year.

And we haven't brought up the eco-friendly part yet. RePlay(TM), our biobased asphalt pavement sealant, is carbon negative. RePlay has been applied to 3 million lane-miles since its introduction in 2000, and core samples prove it delivers deeper penetration and superior preservation to traditional sealants.

A side-by-side comparison of traditional sealants and RePlay can be found here: **(link to infographic)**

BioSpan has been hiding in plain sight for a long time, and only now is word spreading about its efficacy and environmental impact. Lindsey Hermes, the new president and COO, and daughter of BioSpan's founder and CEO, Dr. Shel Chesky, recently worked in Hong Kong spotting carbon-reduction opportunities in the supply chains of the world's biggest companies. She is focused on expanding BioSpan's distributor base, updating the product line, and making the case to local, state and federal government officials that adoption of sustainable products can reduce infrastructure spending.

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