

Bonded Pavement Development at Road Science

IDEA.

Purchase European technology (NovaChip®).
Adapt to U.S. market.

NovaChip®
Ultra-thin Bonded Wearing Course

INNOVATION.

Innovate use of spray paver & bonded wearing course.
Focus on thin lift & smooth ride.



LABORATORY.

Begin testing of various mix types with spray paver.



VOICE OF CUSTOMER.

Implement consultative approach to customers in order to better understand Agency needs.

FIELD TEST.

Crack-resistant overlay. Tulsa, OK.



FIELD TEST.

Crack-resistant overlay. Delaware's State Rd 1.



FIELD TEST.

Rut resistance. San Antonio, TX.



FIELD TEST.

Bonded dense-graded. Gap-graded. Open-graded. Sedgwick County, KS.

FIELD TEST.

Bonded dense-graded. Rut resistance. Sullivan, MO.

FIELD TEST.

Bonded dense-graded. Rut resistance. Washington, MO.

FIELD TEST.

Bonded dense-graded. Rut resistance. Western KS.

FIELD TEST.

Crack-resistant overlay. Delaware's State Rd 4/896.



NEXT GENERATION.

Introduce BondTekk™, a suite of technologies supporting a broad range of bonded pavement applications.

1998

2000

2005

2006

2007

2008

2009