

News from the Savannah River Site

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Primary Media Contact: Mackenzie McNabb
Savannah River Nuclear Solutions
(803) 952-8179, mackenzie.mcnabb@srs.gov

DOE Media Contact: Julie Petersen
U.S. Department of Energy
(803) 952-7690, julie.petersen@srs.gov

For Immediate Release

New road improvements at SRS generate over 9,000 tons of millings

AIKEN, S.C. – (July 18, 2024) Savannah River Nuclear Solutions (SRNS) Site Services recently completed pavement improvements to a section of the most highly travelled route at the Savannah River Site (SRS).

Over 9,000 tons of asphalt, milled from SRS Road C, have been used to resurface gravel roads on-site, avoiding the expenses of new pavement and landfill disposal.



A milling machine at the Savannah River Site (SRS) removes cracked and aged asphalt to ensure a strong foundation for the new road surface.

Wisdom Hokey, SRNS Site Infrastructure Engineering, said, “Due to extensive cracking, many SRS paved roadways are in need of repair. Once the substructure of asphalt fails, we must completely restructure the road. The work completed on Road C generated over 700 dump truck loads of millings to be repurposed elsewhere.”

The resurfacing process used on SRS roads includes milling at least 4.5 inches into deteriorated layers of old pavement. An open-graded interlayer and binder layer are placed before adding the final asphalt surface, which prevents cracking and improves the longevity of the road.

Millings are either stockpiled for reuse at SRS or donated to SRS Community Reuse Organization ([SRSCRO](#)) for off-site community reinvestment.

Randy Keenan, SRNS Director of Site Infrastructure, highlighted the cost-effectiveness and community benefit of using milled asphalt compared to new asphalt.

“Milled asphalt costs about \$12 per ton, while new asphalt can cost as much as \$100 per ton,” said Keenan. “This partnership between SRNS, the Department of Energy, and SRSCRO is a great way to benefit the surrounding community and save valuable resources.”

“To date, an estimated cost avoidance of nearly \$335,000 has been obtained by using an open-graded interlayer during the repaving process,” said Joe Solesby, SRNS Site Services Logistic Manager. “Using unique methods, this new road surface will support SRS missions for the next 15 to 20 years and ensure safe roadways for our employees.”

Since 2017, over 89 lane miles have been resurfaced across the Site. As funding becomes available, SRS will continue to improve roadway conditions.



Over 9,000 tons of asphalt was milled from SRS Road C to resurface gravel roads on-site, avoiding the expenses of new pavement and landfill disposal.

Savannah River Nuclear Solutions, a Fluor and HII partnership company, is responsible for the management and operations of the Department of Energy’s Savannah River Site, located near Aiken, South Carolina.

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