



**SOUTHEAST CEMENT
PROMOTION ASSOCIATION**



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Full-Depth Reclamation (FDR) with Cement Delivers Sustainable Solution for County Road 92 in Randolph County, Alabama



1 Before reclamation

County Road 92 (CR92), a rural road in Randolph County, Alabama, was in need of attention due to base issues causing alligator cracking and major rutting. Previously, the 9.3 mile road had received a surface treatment (G treatment - chip seal) in 1987, 1998, and 2014. It became evident to Randolph County Engineer Burrell Jones that an ordinary asphalt overlay was not the appropriate solution this time due to the amount of base failures throughout the entire length of the road.

and 21' wide for the entire 9.3 miles. Blount used 2,745 tons of Portland Cement to reclaim the 115,548 square yards of roadway. Due to the fact that Randolph County closed the road and allowed only local traffic, Blount was able to reclaim the whole width of the road at the same time. County Engineer Jones was very pleased with Blount Construction. "They were very professional, did a great job, and completed the project sooner than expected," said Jones.



2 Open House attendees watching FDR process

The Southeast Cement Promotion Association worked with County Engineer Jones to ultimately decide that Full-Depth Reclamation (FDR) with cement was the best solution for fixing CR92. "The addition of cement greatly enhances the strength of our reconstructed road," Jones stated. He viewed FDR as a "reconstruction of the road" and allowed the option of placing a chip seal as the riding surface now. Then the county is able to come back later and put plant mix on top for a smooth riding surface.

On May 16, 2017, the Southeast Cement Promotion Association (SCPA) hosted a project open house. Over 20 people consisting of local officials, Alabama Department of Transportation (ALDOT) staff, neighboring county and city engineers, consultants, and industry professionals attended the event. ALDOT County Transportation Engineer for the Alexander City Area Ken Cush attended the open house and observed the reclamation process. He said, "The recurring surface treatments indicate the underlying problem (base issues) is not being repaired, therefore FDR is a viable solution. FDR allows the underlying problem to be fixed, then adding a surface treatment makes for a greatly improved road."

Blount Construction of Marietta, Georgia was awarded the low bid for this project. After mobilizing in late April 2017, Blount hit the ground running. The reclamation was 8" deep



3 FDR reclaimers commence



4 Completed roadway

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