



# A

+



# B

=



# C

## When you need more than a band-aid approach, you need FDR with Cement.

Many cities and counties have a network of low budget roadways that were built with unbound bases and thin asphalt surfaces that are often condemned to early pavement distress and failure.

Rehabilitating these pavements with thin asphalt overlays or applying the "mill and fill" approach does little to correct any underlying base problems and puts the road on a life-long cycle of continual repairs.

Full-Depth Reclamation (FDR) with Cement pulverizes and utilizes the existing asphalt and underlying base material to create a new base that is stronger, more uniform and more moisture resistant than the original base allowing the pavement to have a much longer, lower maintenance life.

FDR with Cement saves money, time and natural resources. FDR recycles the existing road into the new base saving money by cutting down on transportation fees, materials costs and construction time. The construction process is much faster than other methods currently used to rebuild road bases. Natural resources are saved by using the existing materials rather than importing virgin aggregates; landfills are spared from pavement removal and construction waste. In Georgia, the FDR specification is covered at GDOT Section 301 Cement Stabilized Reclaimed Base Construction.

If you would like to find out more about the Full-Depth Reclamation with Cement procedure or would like information and technical documents, please contact me.

### **Bob Nickelson**

Pavement Applications Director - Georgia  
Portland Cement Association, Southeast Region  
20 Pineview Drive  
Sharpsburg, Georgia 30277  
**Phone: 678.621.3692**  
bnickelson@cement.org  
www.strongroads.info

