

ROAD BUSINESS

A newsletter for municipal employees, public and private road-related organizations, and citizens.

On the Road in NH:



Deerfield Completes 6,250 feet of Full-Depth Reclamation

Interview with Alex Cote, Deerfield Road Agent - Article submitted by Kaitlyn Nagle, T² Project Assistant

The Town of Deerfield Highway Department has begun using a new technique to road building called full-depth reclamation (FDR). FDR is the process of rebuilding worn-out asphalt pavement by recycling the existing road and using the old material in the new road. A strong and durable road base is created by grinding up the old asphalt and base materials, mixing them with cement and water, and compacting the mixture.

There are many benefits to using FDR. First, using a recycled base with added ingredients will make the new road stronger and more stabilized than the original base. Second, increased stabilization will lead to less maintenance on the road. Third, there is little to no waste since most, if not all, of the old material is being used. Fourth, the cost of recycling is 25% to 50% less than what it would cost for the removal and replacement of the old material if FDR is not implemented.

6,250 feet of Reservation Road in the Town of Deerfield NH was rebuilt using FDR. The project contractor was Pike Industries and the entire project took only two days to complete.

Alex Cote, Deerfield Road Agent, says his department chose to complete the road reconstruction using FDR in order to save his department money. Due to the poor road base condition of Reservation Road, it was more cost-effective to add cement to the

base to strengthen it than to replace all existing material.

Alex says his department plans to use FDR again and he recommends that other road managers consider using FDR as a cost saving method when a poor road base condition exists.

For questions on this project, contact Alex Cote, 603-608-9007, roads@townofdeerfieldnh.com



Back of the truck used on the FDR Project.

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