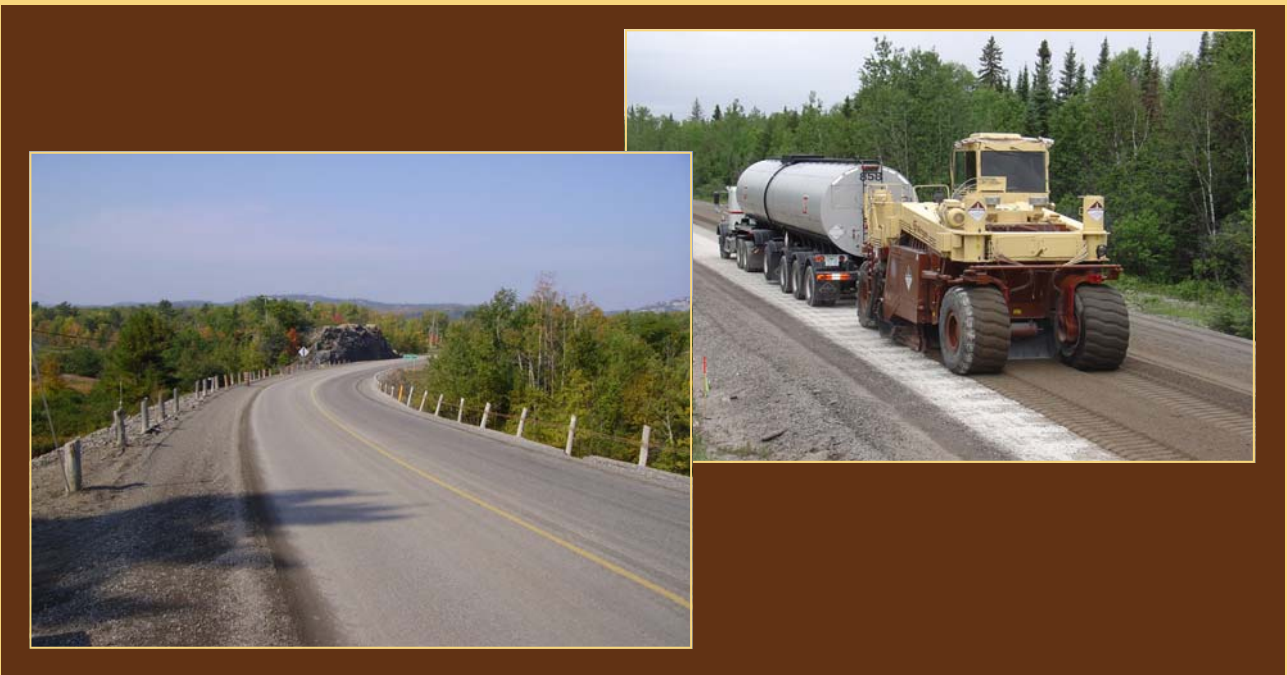


Base Stabilization



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Base Stabilization is an effective pavement rehabilitation technique that provides public and private sectors with a strong, durable base capable of withstanding a wide range of traffic loads. It creates an improved homogeneous material which utilizes the entire thickness of the existing bituminous layer and a portion of the underlying granular materials thereby reducing material transportation costs and construction durations.



A wide range of pavement distresses including longitudinal and transverse cracking, rutting and raveling may be treated by various stabilization techniques to provide a substantial pavement structure. Stabilizing agents typically used across North America are asphalt cement, emulsion, lime, Portland cement, fly ash and liquid chloride.

A geotechnical analysis of the potential candidate should be performed to determine the appropriate stabilization methods to be used considering forecast traffic loads, life cycle and climate.

Base Stabilization is very attractive to asset owners due to its reduced life cycle cost, low environmental impact and ease of construction.

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