



Byrne & Jones
CONSTRUCTION



» SOIL STABILIZATION

Unstable soil is the leading cause for buckling and cracking of paved surfaces. Byrne & Jones Stabilization is a leader in providing solutions for your paved surface challenges, ultimately extending the life of your roads for years and saving up to 50% over cut & fill.

Our team researches applications and materials to ensure only **cutting-edge technology and methods** are utilized for every aspect of the construction process. This includes winter and spring dry-up, sub-grade strengthening and in-situ soil enhancement.

Soil stabilization is the permanent physical and chemical alteration of soils to enhance their physical properties. Stabilization can increase the shear strength and control shrink-swell properties resulting in the **overall improvement of the load bearing capacity of a sub-grade**. Stabilization uses a variety of chemical additives such as lime, fly-ash, cement, as well as by-products including lime-kiln dust and cement-kiln dust.

Soil stabilization **increases the overall life-cycle** of your paved surfaces. Numerous benefits include:

- » Overall increased **base strength**
- » Significant **reduction in the amount of materials** used in the pavement section
- » **Accelerated** construction time
- » **Year-round** construction

Let **Byrne & Jones Stabilization** show you the benefits of soil stabilization before you begin your next project.



Example of failed sub grade



Soil stabilization in process

For more information, contact us at:
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PUTTING YOU ON SOLID GROUND