



CONSTRUCTION CASE STUDY

State Route 2 - Avon, OH

PROJECT OVERVIEW

The Ohio Department of Transportation (ODOT) needed a soil stabilization solution for a section of State Route 2 in Avon, Ohio. The area in question had seen an over abundance of rain fall creating wet and weak soil conditions. Testing showed that the soil conditions fell under AASHTO Soil Types A-4 through A-7. This posed a huge challenge for the required bearing capacity of the road and the project's timeline.

With consistently wet soils and rigorous compaction standards to meet, chemical stabilization was needed to keep the project on time and up to ODOT specifications. Calciment® LKD was selected at a dose rate of 7%.

The result was a 60% savings over cement with no failures!

Calciment Application	Stabilization
Dose Rate	7%
Project Challenges	1st official ODOT project utilizing Calciment® LKD Wet and Weak Soil AASHTO Soil Types: A-4 - A-7
Success	Saved ~ 60% over cement or lime No failures

DRY AND STABILIZE STATE ROUTE 2



BEFORE TREATMENT



AFTER TREATMENT