

Roads, Parking Lots
and Airfields
(Asphalt-based)

Current Road Recycling Method

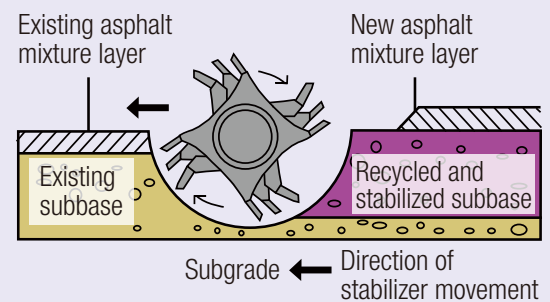


The existing asphalt mixture and subbase are crushed while on the road, and used as raw material for creating a new subbase.

Overview

- A recycled subbase is constructed with this method. The asphalt mixture layer of the existing asphalt pavement and part of the granulated subbase are crushed in-place. Mix them with cement and an asphalt emulsion additive, and then performing grading and rolling compaction.
- It is possible to crush an asphalt mixture layer up to a depth of 10 cm, where the maximum mixing depth of the special stabilizer used is 40 cm.

■ Illustration of current road recycling method



Features

- The current road material is used, so no waste material is produced due to reconstruction, and construction time can be shortened.
- The recycled subbase material is produced using the existing asphalt mix and the existing granulated subbase material as the main aggregate, so the method is environmentally-friendly and economic.

Applications

- Routes with light traffic