

JOB REPORT



SITE: Søndergård Alle 4 6500 Vojens DK

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1. PROJECT OVERVIEW

Traffic information	Sinding Hedevej is a highway in Silkeborg municipality, with a traffic of 27 -10 ton axel loads per day
Job site length (m)	3000
Job site width (m)	5.5
Job description	Expanding an existing road from 4,3m to 5,5m and at the same time in depth renovation.
Machines used	Cold Recycler; Paver; Roller; Milling Machine

1.1 Recycling Parameters

Cold recycling width (m)	5.5
Max. recycling width of PS (m)	3.2
Working depth (mm)	12
Final recycled paved layer thickness (mm)	15
Final paved project size (m²)	16500
Tonnage produced on the job (t)	4950

1.2 Layer Composition

Unbound granular base (mm)	0
Asphalt base-wearing course (AC) (mm)	120

1.3 BSM Mix Details

Cement (%)	1
Lime (%)	-
Bitumen (%)	2.3
Process water (%)	2.8

1.4 Paving & Compaction

Paver	Vogel 2100-3i
Screed type	Tamper and vibratory
Tamper stroke (mm)	9
Basic width (m)	2.5
Max. width (m)	5.5

Max. width incl. extensions (m)	8.5
Material hopper capacity	10
Laydown rate (t/h)	309
Roller type	Bomag 16 ton steel drum and Bomag 28 ton rubber wheel

2. EXECUTION & RESULTS

The width was milled in beforehand to fit the 3,2m CRI. BSM was made in 2 days, open for traffic approx. a week before laying surface layer (Asphalt Concrete). Resulting in a new wider road.

3. LONG-TERM PERFORMANCE (OPTIONAL)

Project was done in September 2021 and in 2026 still in mint condition.

4. SITE IMPRESSIONS (OPTIONAL)

There was great cooperation with the municipality.

5. PHOTOS

