

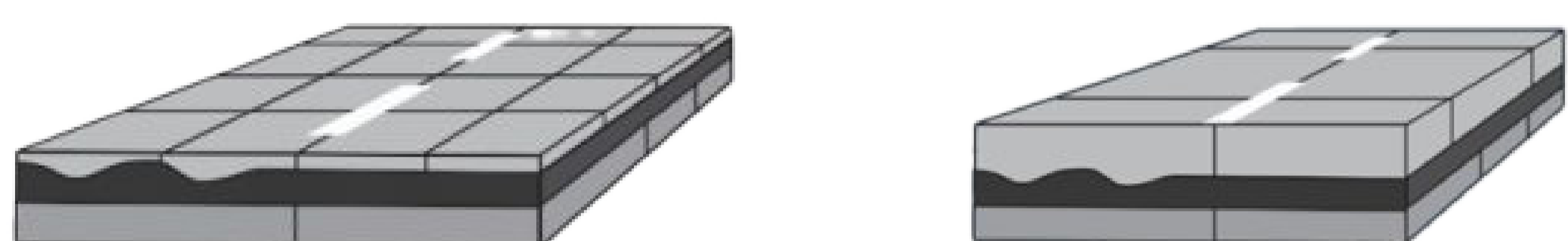
Whitetopping

Efficient and sustainable technology for a reconstruction of traffic areas and pavements.

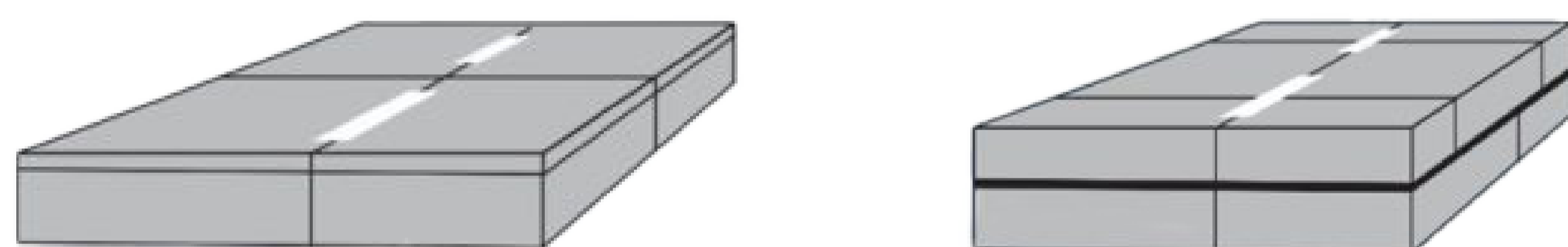
Over Asphalt



Over Composite



Over Concrete



The technology utilizes the residual bearing capacity of an existing pavement and replaces only thin pavement layer by a thin concrete pavement.

- Pilot projects showed feasibility of the technology
- 30-40% cost and CO² reduction
- Proper diagnostics of existing pavement layers and properties is crucial
- Focus on proper repair of defects (active cracks) in asphalt sublayer (separation, reinforcement within slab)
- Debonding cannot be prevented – calculation model
- Smaller slab dimensions (1:12 to thickness)
- Shrinkage reduction + fibres – early thermal crack prevention
- Thicker slab (full depth) for transition between concrete / asphalt

Detailed information can be found at www.skanska.cz/road-innovator

Benefits

- Increase of loadbearing capacity
- Prevention from rutting
- Increase of life span
- Material, cost & CO² reduction

