

Mixing at site / Recycling at site

Spot Recycle System

■ Feature of Spot Recycle System

① Contribution to resources-saving

Since the asphalt concrete, base-course materials or road bed soil of an existing superannuated pavement can be reused as a new sub-base course, there is almost no need to dispose the existing pavement as a surplus soil.

② Economical

When comparing the replacement method, this method has no need for carrying in the materials of sub-base course, and further it enables the cost reduction for surplus soil transportation or soil disposal.

③ Reduction of work schedule

The work schedule can be shorten due to eliminating the work of excavation and re-filling.

④ Elimination of industrial pollution

Such pollution reduction is secured as noise, dust etc. caused during transportation work by dump-trucks.

⑤ Easy adjustment for height of pavement

Since adjusting the finished height of pavement is easy while consideration is made as to the height, drainage and access to the ancillary structures, the cutting of road surface or lifting of ancillary structures is not required. In case the surplus soil occurs due to height adjustment etc, such soil is reusable as a supplementary material for construction road, etc.

⑥ Selectable sub-base course

By selecting the type of stabilization treatment agent, either of rigid or semi-rigid sub-base course can be implemented.

■ Applicability of Spot Recycle System

① Repair or reinforcement of overaged or damage-recognized pavements in roads for prefecture, city, town and agriculture, etc.

② Reinforcement for sub-base course when applying the surface course to existing graveled roads.

③ Repair or reinforcement of roads in factory yard, car park, work yard, etc.

④ Reinforcement of foundation for factory floor.

