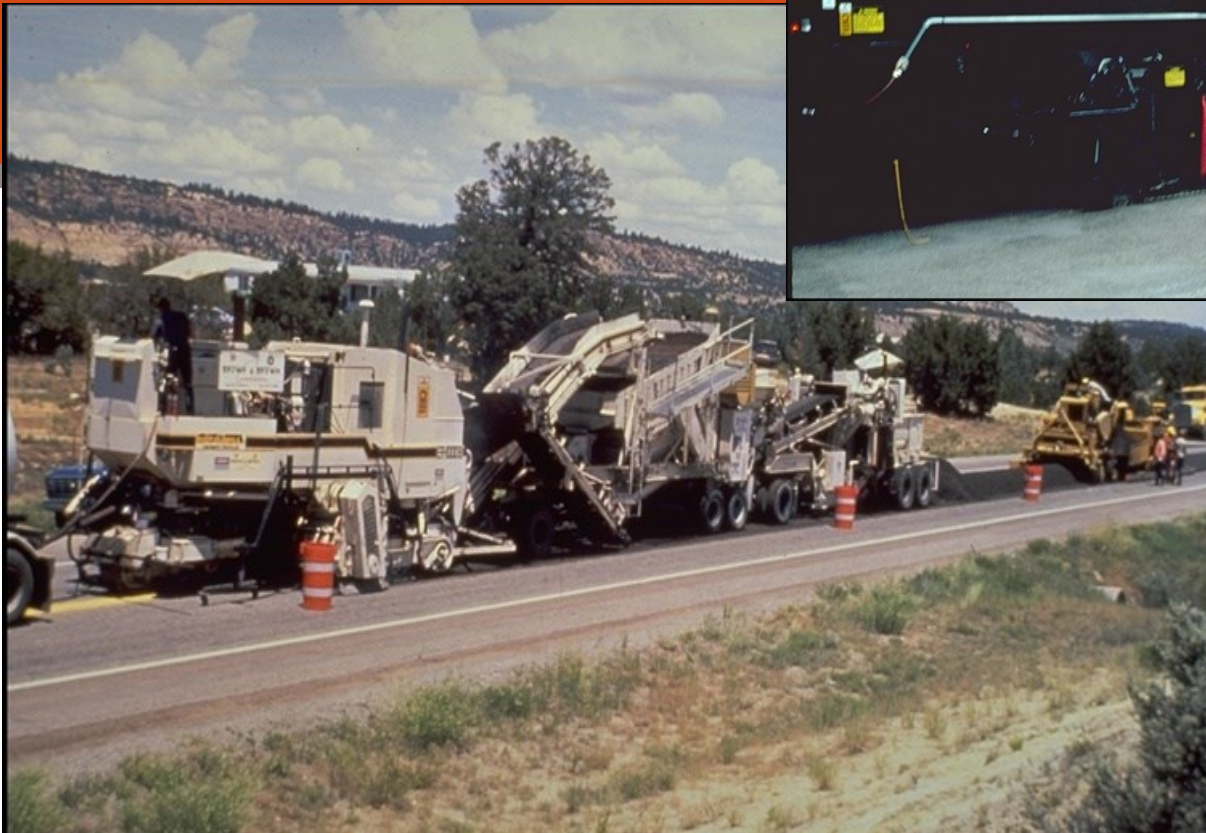
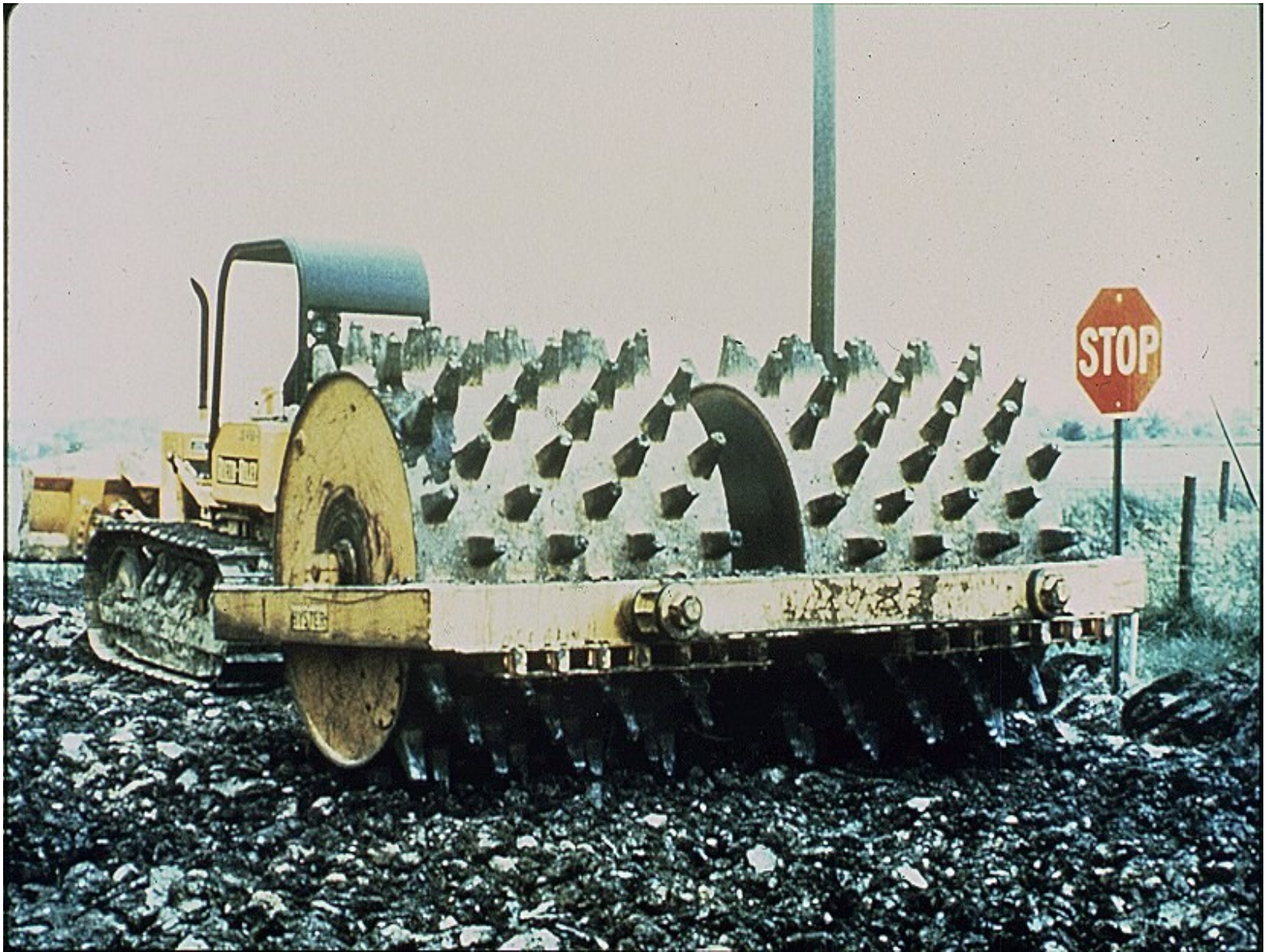


COLD IN-PLACE RECYCLING

COLD IN-PLACE RECYCLING











Cold In-Place Recycling



**Prepare
Construction
Area**

Equipment Train

**Pulverize, Crush, Add and
Mix Recycling Agent, and
Place on Roadway**

Single Machine

**Pulverize, Add and Mix
Recycling Agent, and Place
on Roadway**

Compact

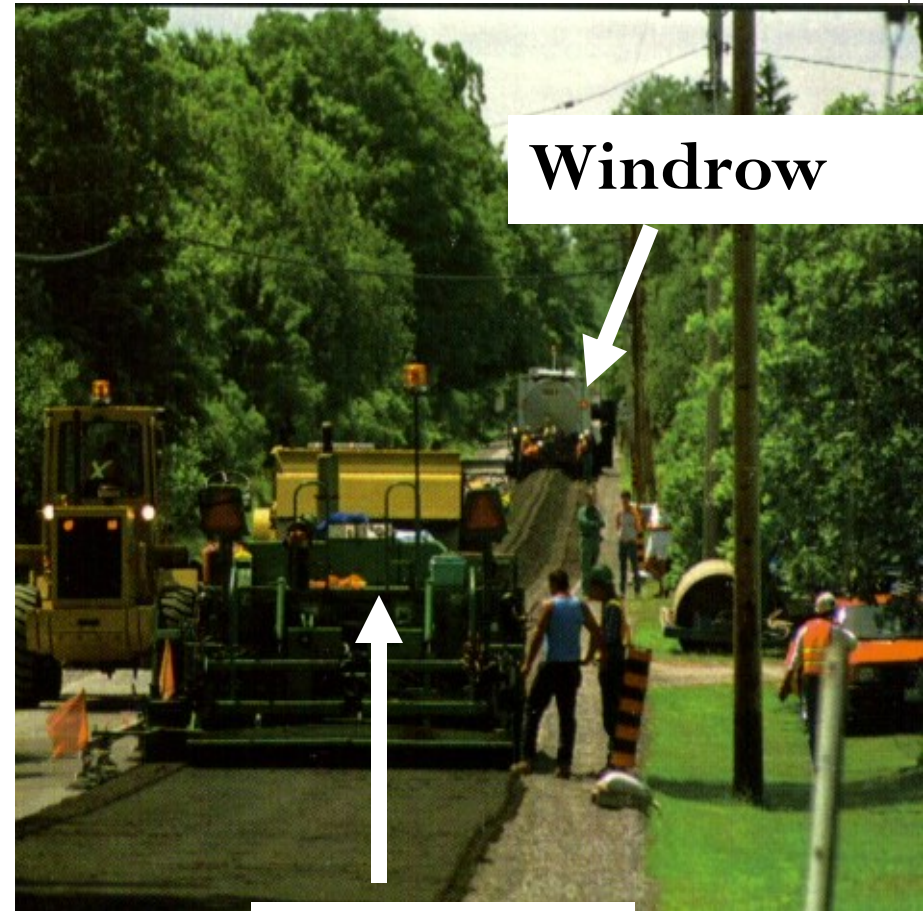
**Tack and Place
Surface
Course**



Single Machine



Single
Machine



Windrow

Paver

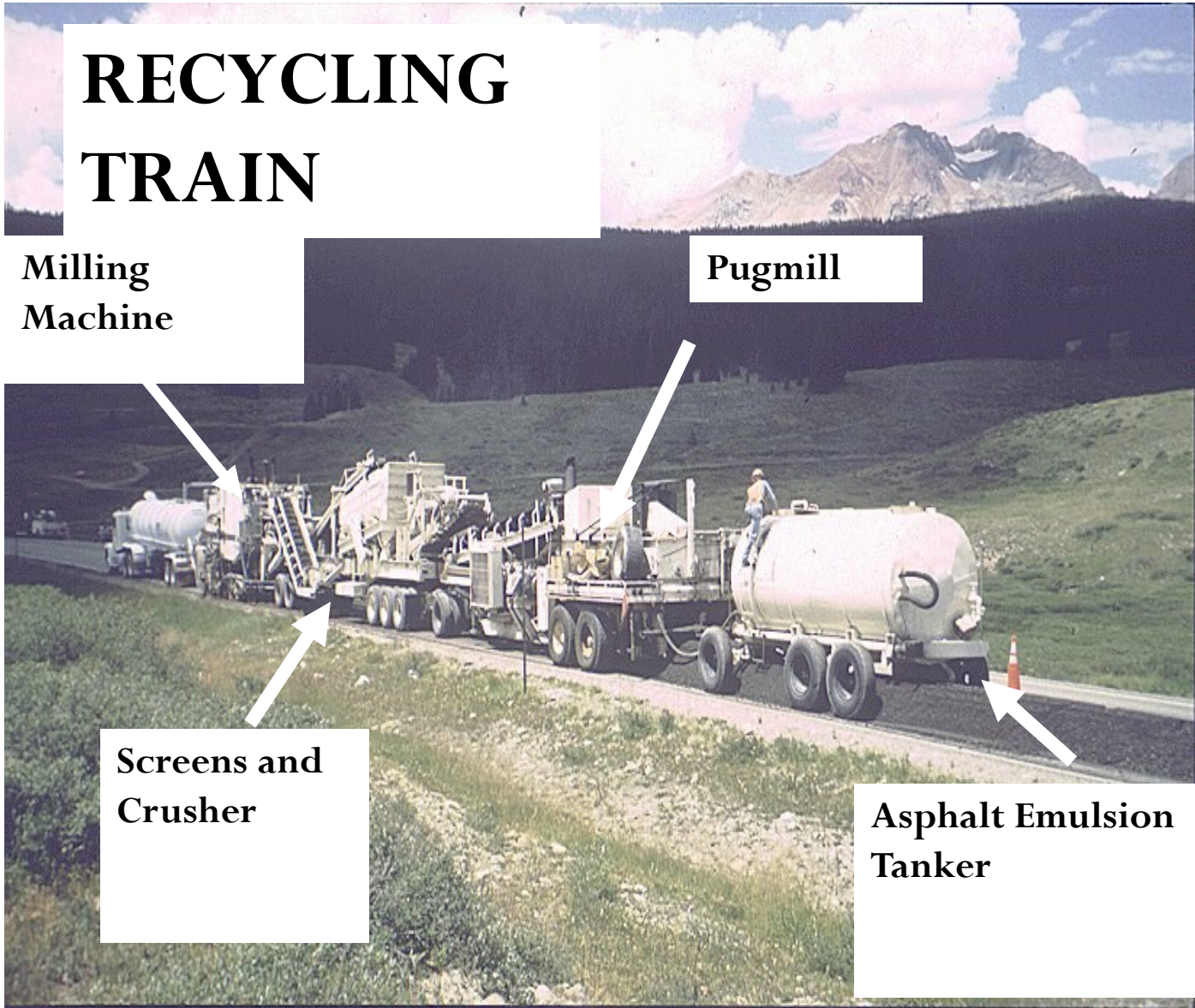
RECYCLING TRAIN

**Milling
Machine**

Pugmill

**Screens and
Crusher**

**Asphalt Emulsion
Tanker**





Recycled Mix

Mixer

Emulsion Nurse
Truck



Windrow of Recycled Mix







Compaction with Pneumatic Tire Roller

Compaction

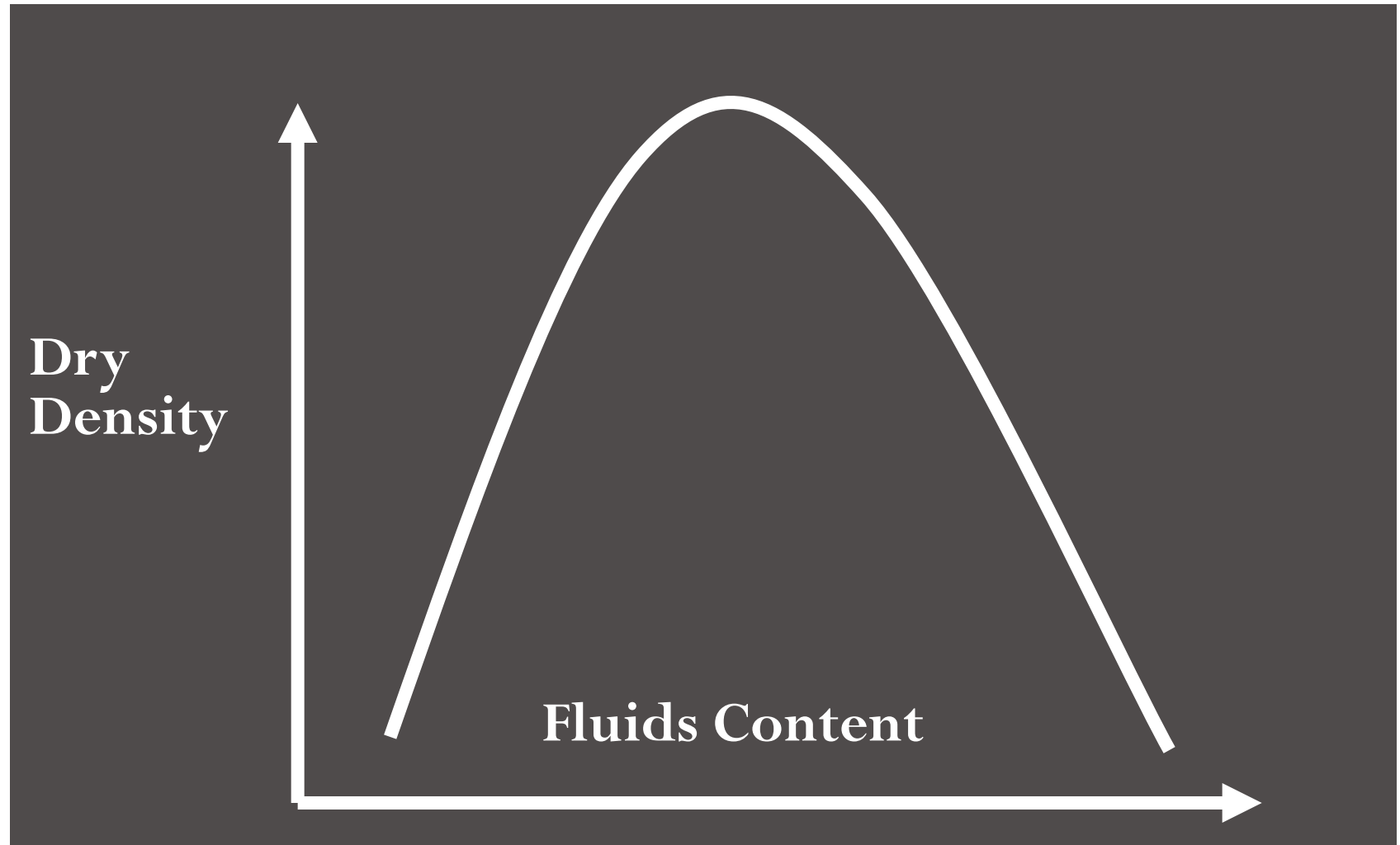




Recycled Mix Design

- Basic design steps
 - Field samples
 - Laboratory analysis
 - Field adjustments

Typical Design Criteria



Stabilizing Additives

- Cementing agents
 - Portland Cement
 - Lime
 - Lime/Fly ash
- Asphalt binder emulsions
 - Slow setting
 - High float
 - Polymer modified

FULL-DEPTH RECLAMATION

Single Machine



Schematic of single machine

