

# Railway Track Road Stabilization

Reducing Ballast size Rock, mixing it with smaller aggregate and native soils using a grader and a rotary mixer, (pulverizer).

Eliminating the cost to import new aggregate.

Enabling Earthbind® Stabilization

# Grader with Hydraulic Side Shift Pneumatic Roller/Packer.



Mixing “Ballast” oversize rock with smaller rock and native soils to achieve a compactable surface.









Finish grade prior to Earthbind<sup>®</sup> Stabilizer topical application. Eliminating the costly aggregate import, by using on site materials.





Finish topical application using onsite materials eliminating costly import of new aggregate.



# Railway stabilization for long term control.









Mechanical rotary mixing of onsite aggregate for a 5” deep stabilization providing long term stability and dust control.





Incorporating on site materials eliminating the aggregate import costs. Mechanical rotary mixing.





# Ambient Temperature Paving.

- Recycle onsite materials to manufacture an effective paving product at a significant cost reduction.
- Earthbind<sup>®</sup> Stabilizer, EBS-RA (rap application) is an environmentally compliant asphalt emulsion without the toxic compound's found in hot asphalt mix.

# Loading processed asphalt millings into computerized pug mill.





Portable manufacturing in any location  
reducing trucking-travel costs.

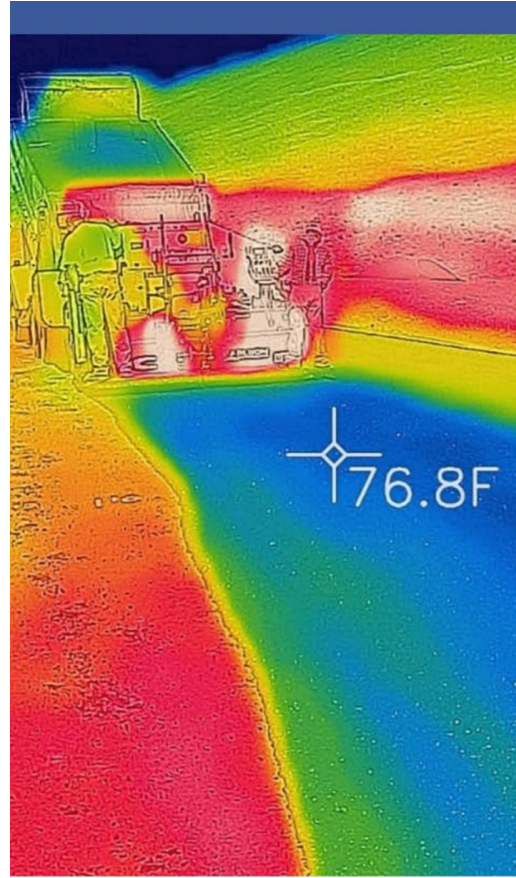


Ambient temperature paving at 77 degrees reducing volatile fumes from hot asphalt for worker safety.





Heat sensing showing 76.8 F during the paving process.



Pre paving tack coat is not required due to the moisture content of Earthbind<sup>®</sup> EBS-RA.







Our main concern is to have worker safety and surrounding communities as our main goal.

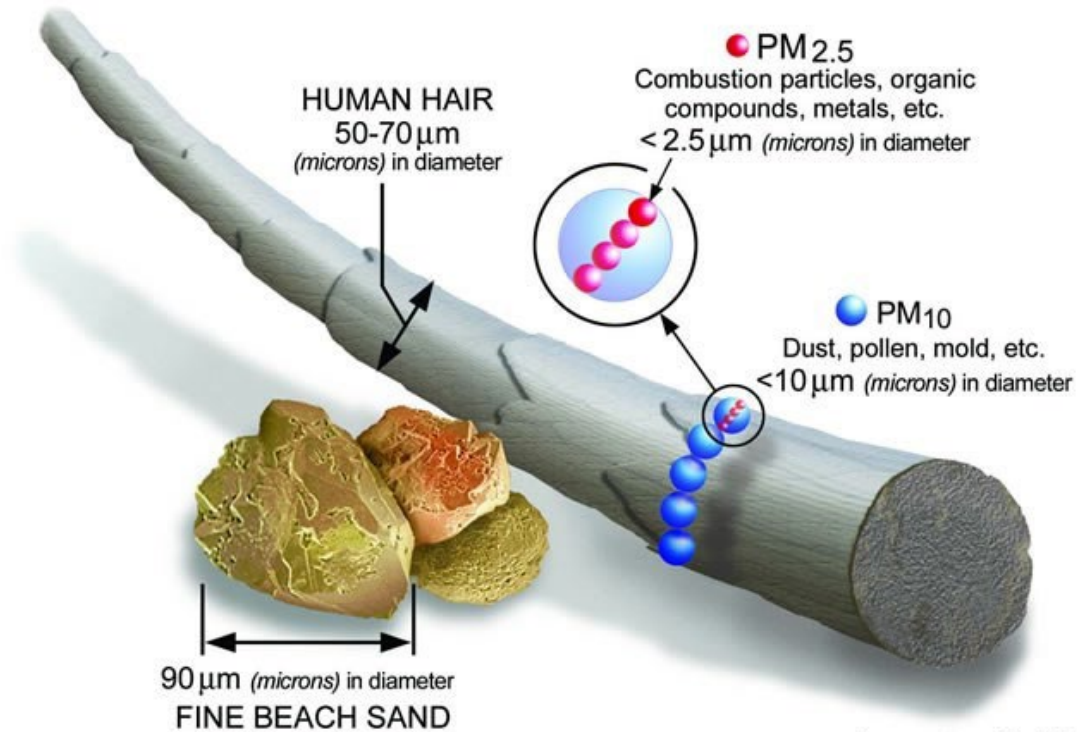


Image courtesy of the U.S. EPA



