Extra Depth FDR CEMENT STABILIZATION
NOT JUST FOR ROADWAYS

A Look at Alternative Locations
By Dale Cronauer President of Blount Construction
In The Beginning!

Paving with Soil and Cement

By MILES D. CATTON

Reprinted from
Compressed Air Magazine
November, 1943

Harnischfeger Corporation
Milwaukee 14, Wisconsin
This P&H Single Pass STABILIZER handles small jobs economically.

- Roads
- Streets
- Alleys
- Parking Areas
- Road Shoulders
- Air Ports
- Sub-base Work
- Levee Protection
- Earth Dam Core Walls and Facings
- Any Small or Large Stabilization Job

BULLETIN S-9
MORE SQUARE YARDS PER DAY—AT LOWER COST

HERCULES CEMENT SPREADER

Built expressly to lower costs in laying soil-cement surfaces for
• roads, streets, highways
• airport landing and taxiing strips
• truck loading platform areas
• dock loading areas
• parking lots, etc.

Fast, accurate spreading over widths up to TEN FEET

Spreading bulk cement becomes the simplest step in soil-cement paving with the HERCULES Cement Spreader. Lightweight, ruggedly-built, this efficient Spreader handles all soil-cement jobs, spreads any amounts needed in widths up to ten feet, does the work faster at lower cost. SAVE MATERIALS COST—you enjoy the lower rates of bulk cement . . . and the added efficiency of wasteful, even spreading; SAVE LABOR COSTS—replaces old-fashioned hand methods with modern efficiency; SAVE TIME—spread a smooth layer the first time over; the HERCULES is designed for fast, smooth operation, and quick, easy adjustment. Here, indeed, is the modern way to spread cement!

Simple in operation—mechanically sound . . . see features on other side

TWO MEN—PLUS THE HERCULES—a complete crew for any spreading job

Two men, working at the conveniently-located control platforms make up your complete spreading crew! Once over and required cement is spread evenly up to ten feet wide. Extra costs are eliminated!
RAILYARD TERMINALS
Memphis Regional Intermodal Terminal
Memphis Regional Intermodal Terminal Case Study

- Location: Rossville, Tennessee
- Owner: Norfolk Southern Railway Co.
- General Contractor: Phillips & Jordan
- When: 2012
- What: 12” Soil Cement Stabilization
- Portland Cement: 85 LBs Per Sy Yard
- Quantity: 315,000 Square Yards
- 9” & 17” Roller Compacted Conc. On Top
Soil Types.
Mix Design & Testing
Mixing Next to Structures
Soft Sandy Soils!
GPS Machine Control & Rover Utilized For This Project.
Mixing & Compacting Against Concrete Craneways
Excess Material Used Elsewhere Onsite
Mixing at Different Elevations
Prime Coat
For Curing The
Soil Cement
Elementary & High School Case Studies

Location: Clayton County Ga.
Owner: County School Districts
General Contractor: Blount Construction
When:
What: Full Depth Reclamation
Short Time Frames: Spring Break or Summer
Existing Conditions

Entrance With Potholes & Broken Up Asphalt
Water Truck Attached to the Reclaimer
Private Warehouse
Case Study

- Location: Cobb County Ga.
- Owner: Majestic Realty Co.
- General Contractor: Blount Construction
- When: Summer of 2016
- What: Full Depth Reclamation and paving
- Short Time Frames Between deliveries
- Pulverizing existing paving stabilizing 12 in deep with 50 lb of cement and installing 3 in of asphalt
Mando Warehouse
Case Study

- Location: Opelika, Al.
- Owner: Mando Corporation
- General Contractor: Blount Construction
- When: July, 2014
- What: Full Depth Reclamation with 50lbs Cement
- Quantity: 3000 Syds
- 7” 4000 PSI Concrete on Top
- Keeping The Warehouse Operational!
First Citizens Bank
Case Study

- Location: Franklin, NC.
- Owner: First Citizens Bank
- General Contractor: Blount Construction
- When: Bank was closed over weekend
- What: Full Depth Reclamation With Cement
Catoosa County Case Study

Location: Catoosa County, Ga.
Owner: Catoosa County, Ga.
General Contractor: Blount Construction
When: Summer of 2013
The existing road was 2 in asphalt over 6 in concrete and no base
New Section Full Depth Reclamation With Cement 16 in deep with 75 lb per sy and 3.5 in of Asphalt
Questions ???