



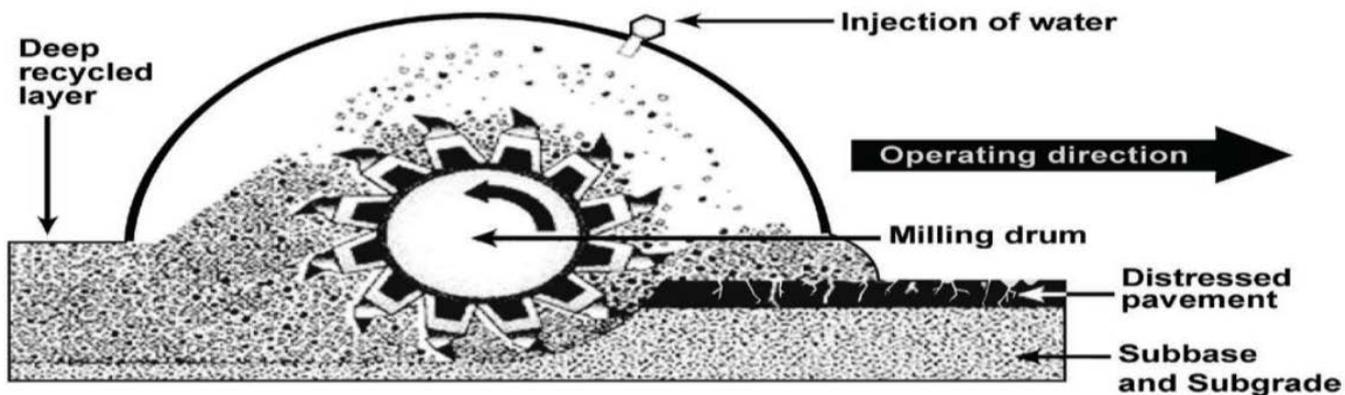
# Full Depth Reclamation

Operational Status and Update

# Overview



- FDR rebuilds failed asphalt pavements by recycling the existing roads. Existing asphalt and base materials are pulverized, rejuvenated and compacted to produce a strong, durable base material for the new roadway. There is no need to haul in aggregate or haul out old material for disposal.

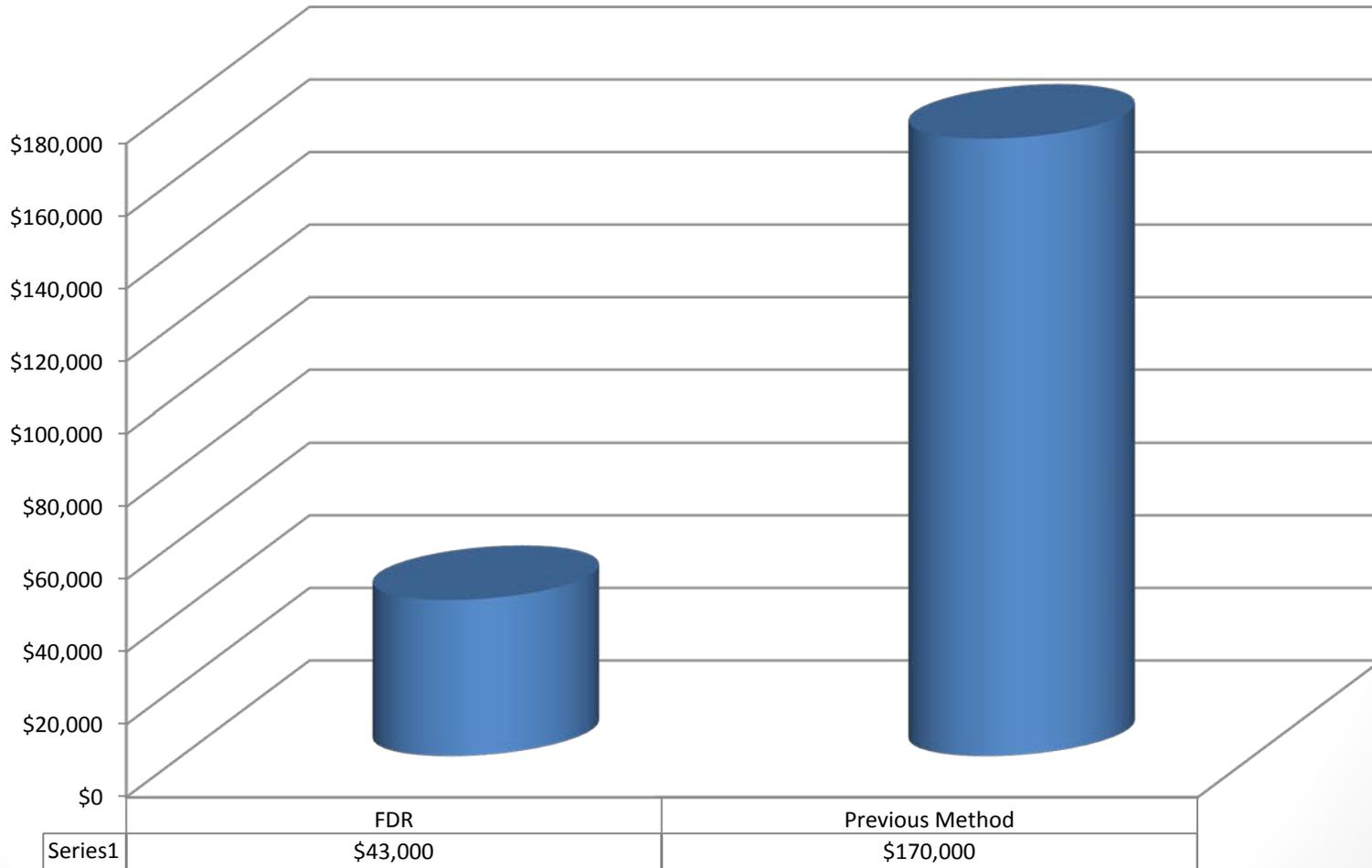


# Advantages

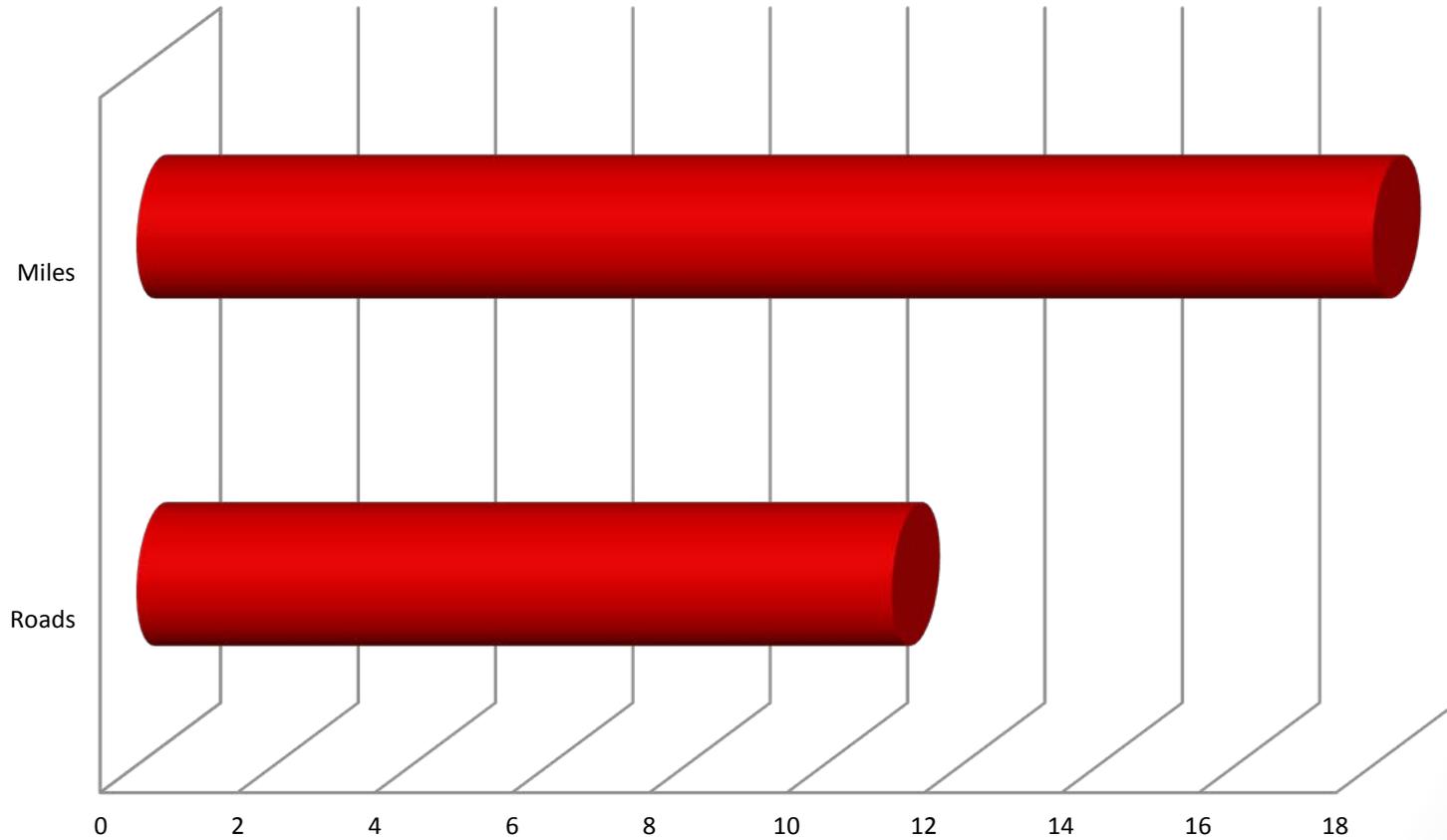


- Reclaimed roads have a more stable base, can support heavier loads and endure longer with lower maintenance costs
- Eliminates the need to haul in or out aggregate material resulting in significant reduction in gross project costs
- Allows for the complete reconstruction of the pavement with little or no excavation and removal costs
- Allows for the reuse of all existing aggregate, saving material costs
- Reclamation is efficient; construction of roadway is completed much faster
- Environmentally friendly - Materials are recycled with minimal or no disposal of waste materials

# Cost Comparison Outsource Vs. Internal Forces



# FDR to date



	Roads	Miles
■ Series1	11	18

# Cost Comparison

## “Outsource Vs. Internal Forces”

Previous Method                      \$170,000.00 per mile  
19 miles - \$3,230,000.00

Current Method                      \$ 43,000.00 per mile  
19 miles - \$817,000.00

The initial 6 months of FDR operations realized a savings of \$2,413,000.00 to Collin County.

# CR719/Rock Ridge Rd.





07.06.2012



# CR486/Lake Rd.



