Hamill Road FDR Project

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The Hamill Road project is the City’s 3rd project using FDR
Two have involved low-volume residential streets
The third involved a roadway that served a commercial area and the Coca-Cola bottling plant.

Chattanooga’s FDR History
Project Location
Project Details
• Length: 0.8 miles
• Roadway is a major collector/minor arterial in the Hixson community (11K ADT)
• Adj. land uses are primarily residential
Project Details
• Included surface milling, FDR, manhole adjustment, guardrail, & drainage str. repl.
• Project Cost = $600K
• Contractor = Highways Inc.
The type of distress exhibited by the roadway
A method that provided a better foundation support system
A product that provided the City with a 20-30 year design life
A method that allowed us to recycle the existing pavement structure
Money => a 25% reduction in cost in items related to a traditional/conventional pavement removal/rebuild

Why FDR?
Project Typical Section
‑ Week 1 – Lowering of Manholes and Valves
‑ Week 2 – Surface Milling
‑ Week 3 – Drainage Improvements and Slope Work
‑ Week 4 – FDR
‑ Week 5 – Paving
‑ Week 6 – Manholes, Valves, and Guardrail

Project Timeline
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I must admit that the delay in opening Hamill Road was warranted. I drove down the newly paved surface and smiled while cruising the entire length of new asphalt.
FDR has provided the City with a sustainable/cost effective method of pavement rehabilitation.

To date, it has been a flexible and versatile method of pavement rehabilitation.

The results have received positive feedback from the public/roadway users.

Question??????

Final Thoughts