CONSTRUCTION ANALYSIS FOR PAVEMENT REHABILITATION STATEGIES (CA4PRS)

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ABSTRACT

Researchers at the University of California, Berkeley have developed simulation software to carry out a constructability analysis for highway rehabilitation and reconstruction projects. This software interactively links factors such as rehabilitation materials, design profiles, curing/cooling time, number and capacity of construction resources, type of construction scheduling, and alternative lane closure strategies.

This analysis program is designed to help road agencies and paving contractors determine what rehabilitation strategies are the most feasible in urban environments to optimize construction capability while minimizing traffic delay.

APPLICATIONS

Road construction/rehabilitation projects

ADVANTAGES

Interactively links multiple factors for consideration in a construction project

Allows optimization of production capability with minimal traffic disruption

OTHER INFORMATION

For more information, follow this link.

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