

Mechanistic-Empirical Pavement Design Report

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Pavement Performance Predictions:

Fatigue Cracking: 0.0045

Rutting: 1.2149

Thermal Cracking: 0.0010

Lifecycle Cost Analysis (LCCA):

Total Lifecycle Cost: \$1,464,666.29

Conclusion:

The pavement design meets the required performance criteria based on the simulation results.