



## Planning & Research Problem Statement

## Materials

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**Problem Title :** Investigating the effects on concrete quality by optimizing concrete mix designs to produce the most cost efficient paving mixes

**Problem Statement:**

Investigate the effects on concrete quality by optimizing concrete mix designs to produce the most cost efficient paving mixes.

Concrete pavement mixes often exceed minimum strength requirements substantially, likely due to low w/cm ratios required for slip-form operations.

This project should include independent flexural strength testing of project produced paving mixes to determine/validate 28-day design strength.

**Contact:**

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