

**LOW-COST, HIGH-PERFORMANCE MATERIALS USING ILLINOIS COAL
COMBUSTION BY-PRODUCTS**

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ABSTRACT

The primary objective of this project was to develop high-volume ash use technologies for ash generated by combustion of Illinois coals. The primary emphasis of this investigation was to establish production mixture proportions for ready-mixed concretes and masonry products, such as bricks, blocks, and paving stones, using Illinois coal ashes.