

# CEMEX TRAFFIC ANALYSIS & SAFETY AUDIT

**CLIENT:**

CEMEX

**JMTE SERVICES:**

- Infrastructure Inventory
- Roadway Geometry
- Intersection Control
- Pedestrian Amenities
- Engineering Report

**LOCATION:**

Knoxville, TN  
Louisville, KY  
Fairborn, OH

J.M. Teague Engineering & Planning (JMTE) conducted a traffic analysis and safety audit for CEMEX. The findings related to improving the awareness of interactions between pedestrians and vehicles throughout the facility.

JMTE visited three CEMEX plant locations to conduct an overall site and safety review over a two-day period at each plant. During the daytime assessments, JMTE focused on parking facilities, vehicle /machinery travel patterns, pedestrian travel patterns, pedestrian access / safety features, visitor ingress, internal intersection operation, and Manual of Uniform Traffic Control Devices (MUTCD) compliance. Additionally, nighttime assessments were conducted at each plant and focused on pedestrian visibility, sign reflectivity and nighttime pedestrian / vehicle interaction.

JMTE provided each Cemex plant with a final report that included recommendations for travel pattern improvements, pedestrian safety improvements, signing repositioning / replacement, parking lot expansions, and truck access modifications.



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