

FERN LEAF CHARTER SCHOOL TIA

CLIENT:

Fern Leaf
Charter School

IMTE SERVICES:

- Turning Movement Counts
- Trip Generation
- Software Analysis
- Field Observation
- Traffic Signal Operation Analysis
- Engineering Report

LOCATION:

Fletcher, NC

J.M. TEAGUE
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J.M. Teague Engineering & Planning performed a traffic impact analysis (TIA) to determine the impact of a proposed 416 student charter school site in Fletcher, North Carolina. The study determined the impact of the anticipated traffic associated with this new school using trip generation, trip distribution, intersection delay, vehicle queue, and intersection capacity.

Multiple student population analysis scenarios were studied to provide school officials a detailed roadway mitigation schedule. A final engineering report was prepared and presented to the client and the North Carolina Department of Transportation.

Coordination between NCDOT and school officials was paramount to the success of this study.

