

# ARTSPACE CHARTER SCHOOL TRAFFIC PATTERN & PARKING FLOW ANALYSIS

**CLIENT:**

ArtSpace Charter  
School

**JMTE SERVICES:**

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

**LOCATION:**

Swannanoa, NC

**J.M. TEAGUE**  
ENGINEERING  
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J.M. Teague Engineering & Planning (JMTE) was asked to investigate the traffic flow and pedestrian safety concerns at the student pick-up / drop-off areas for the ArtSpace Charter School campus located on US Highway 70 in Swannanoa.

The overall campus parking capacity and layout was also addressed. The review specifically focused on: access points, parking stall layout, utility locations, traffic flow pattern, parking lot geometry, and compliance with local and state ordinances.

JMTE worked closely with local North Carolina Department of Transportation officials in an effort to secure flashing yellow school zone equipment along US Highway 70 in front of the school.

