

WHITE OAK GROVE TIA

CLIENT:

LAND PLANNING
COLLABORATIVE, PA

JMTE SERVICES

- Trip Generation
- Trip Distribution
- Intersection Delay
- Vehicle Queue
- Traffic Signal
Operation Analysis
- Intersection
Capacity
- Engineering Report

LOCATION:

ASHEVILLE, NC

**J.M. TEAGUE
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JMTE PERFORMED A TRAFFIC IMPACT ANALYSIS TO DETERMINE ANY POTENTIAL ADVERSE TRAFFIC IMPACTS ON THE ADJACENT ROADWAY NETWORK FROM A PROPOSED 108-UNIT APARTMENT COMPLEX IN WEST ASHEVILLE, NORTH CAROLINA.

THE ANALYSIS INCLUDED TRIP GENERATION, TRIP DISTRIBUTION, INTERSECTION DELAY, VEHICLE QUEUE, TRAFFIC SIGNAL OPERATION ANALYSIS, AND INTERSECTION CAPACITY. A PARTICULAR CHALLENGE TO THIS TIA WAS DETERMINING THE TRIP DISTRIBUTION. DUE TO A THREAT BY A LOCAL BUSINESS OWNER TO CLOSE A POPULAR CUT THROUGH ROAD IF THE PROJECT WAS APPROVED, 2 DIFFERENT SCENARIOS HAD TO BE MODELED.

A FINAL ENGINEERING REPORT WITH FINDINGS AND RECOMMENDATIONS WAS PRESENTED TO THE ASHEVILLE PLANNING BOARD AND CITY COUNCIL.

