

TWO-WAY CONVERSION FEASIBILITY STUDY

CLIENT:

Town of
Sylva

JMTE SERVICES:

- Turning Movement Count
- Data Collection
- Public Input
- Trip Generation
- Trip Distribution
- Vehicle Queue
- Intersection Delay
- Intersection Capacity
- Engineering Report

LOCATION:

Sylva, NC

J.M. TEAGUE
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J.M. Teague Engineering & Planning (JMTE) performed a traffic study for the Town of Sylva that evaluated the feasibility of converting its one-way Main Street to two-way traffic operation. Conducting traffic turning movement counts and using highway capacity software, JMTE estimated the existing and future vehicle delay and vehicle queuing in the current traffic operation scenario. JMTE then used possible two-way traffic operational scenarios to estimate the future delay and queuing for a two-way Main Street. The report showed a map with the estimated traffic back-ups in the two-way scenario compared to the one-way scenario.

The report included an economic analysis and evaluation of pedestrian safety and comfort in the historic downtown area.

