

# LAUREL RIDGE ROAD ASSESSMENT

**CLIENT:**

Laurel Heights Owners Association

**JMTE SERVICES:**

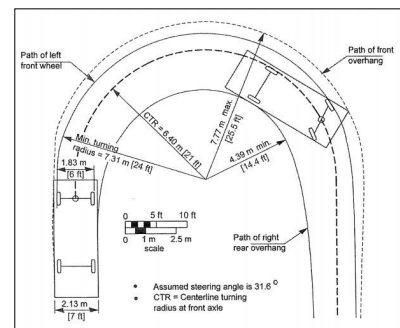
- Roadway Safety
- Turn Radii Analysis
- Roadway Conditions
- Access Management
- Engineering Report

**LOCATION:**

Maggie Valley, NC

J.M. Teague Engineering & Planning (JMTE) was asked to evaluate a private, paved, mostly two-lane road with an overall steep and winding alignment and identify severe horizontal curves to determine the largest size vehicle that could safely navigate the roadway.

Using a variety of imagery and mapping tools, JMTE compared the existing road width, horizontal and vertical alignment to that necessary for use by an SU-30 design vehicle (as described by AASHTO). The investigation determined that this private road could only marginally handle an SU-30 size vehicle and that no larger vehicle should attempt to use this road. JMTE provided the client with a technical memo that explained these findings.



**J.M. TEAGUE**  
ENGINEERING  
& PLANNING

525 North Main Street  
Waynesville, NC 28786

Phone: (828) 456-8383  
Fax: (828) 456-8797