



# Mica Kidd Island Fire District

## Access Roadways for Fire Apparatus

1. Road/Driveway shall have an all-weather driving surface. Design shall consist of removing all topsoil and duff putting down eight (8) inches of compacted ballast (pit run material), then a minimum of four (4) inches of compacted base material (crushed aggregate). Road/Driveway shall be maintained by plowing, grading, and re-graveling.
2. Minimum common driveway and private road width of twenty (20) feet; minimum driveway width of fourteen (14) feet.
3. A minimum turning radius for all corners shall be twenty (20) feet, as measured to the inside of the corner.
4. A minimum distance between switchbacks shall be seventy-five (75) feet, as measured along the centerline between curves.
5. Turnarounds with a minimum radius of fifty (50) feet at the end of any roadway or driveway longer than 150 feet, or as approved by the applicable fire district.
6. Minimum unobstructed overhead clearance shall be fourteen (14) feet.
7. No private road or driveway shall have greater than 12% grade. Grades of 10% or greater shall not exceed one-hundred (100) feet in length.
8. All private roadways shall enter public roadways at a right angle and meet the radius requirements listed above; all driveways shall enter public or private roads at a right angle and meet the radius requirements listed above.
9. Bridge and culvert crossings with a travel distance less than ten (10) feet in length must support a minimum of 34,000 pounds. Crossings with travel distances ten (10) feet or greater must support a minimum of 60,000 pounds.

