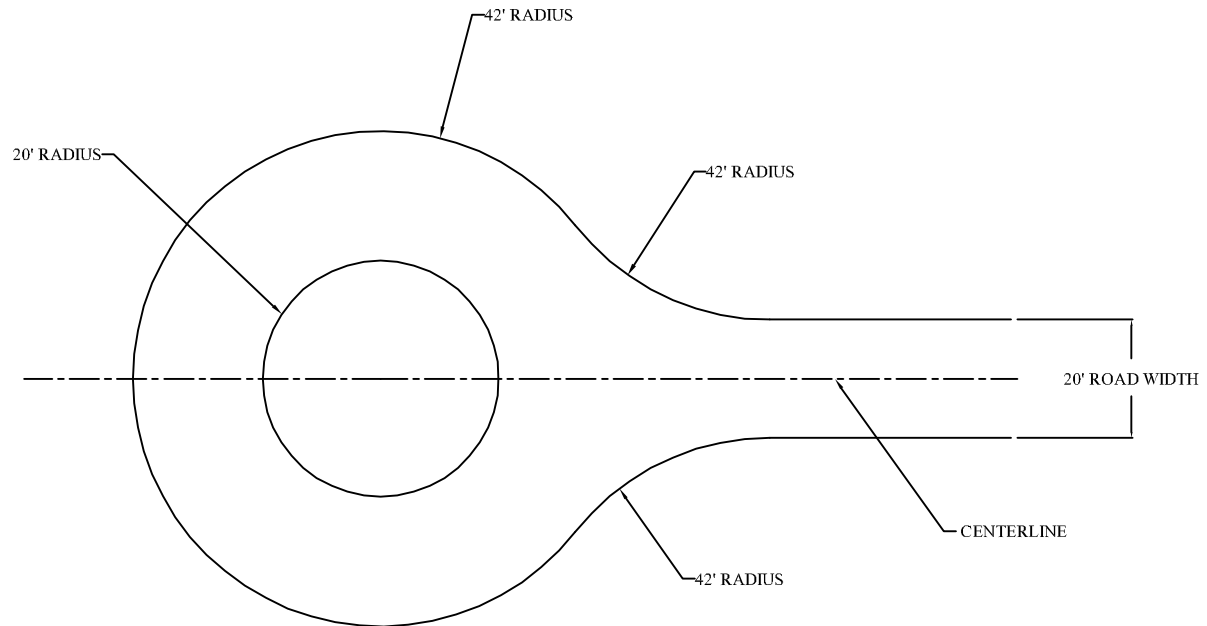


CLEMSON UNIVERSITY FIRE & EMS APPARATUS ACCESS



Access specifications:

- Vertical clear unobstructed height shall be maintained at 13'-6"
- Width of fire lane shall be 20ft in the clear
- Outside turning radius required to be 42ft minimum
- Inside turning radius required to be 20ft maximum
- Maximum of 10% slope for departure or approach

Apparatus specifications:

- Longest apparatus 40ft
- Lowest point of apparatus 8 inches above finished grade
- Average tailboard/bumper overhangs 8 to 10 feet from center line of front axles
- Average height of tailboard or front bumper is 18 to 20 inches above finished grade
- Width of apparatus is 8.5 feet wide. Mirrors extend out an additional 1 foot each side
- Height of aerial ladder 12 ft above finished grade bedded at the turn table
- Tip of aerial ladder extends approximately 4ft beyond the front cab bedded
- GVW 65,000 lbs. for imposed loads

EFFECTIVE APRIL 10, 2007