

INFORMATION SHEET

SECTION 2 -DESIGN SPECIFICATIONS

2-1 WIDTH:

Driveways shall provide for a minimum 14 foot all-weather driving surface (not including shoulders). A 16 foot surface is encouraged to facilitate larger fire apparatus.

2-2 VERTICAL CLEARANCE:

Driveways shall have an unobstructed vertical height of 13 feet 6 inches.

2-3 SURFACE:

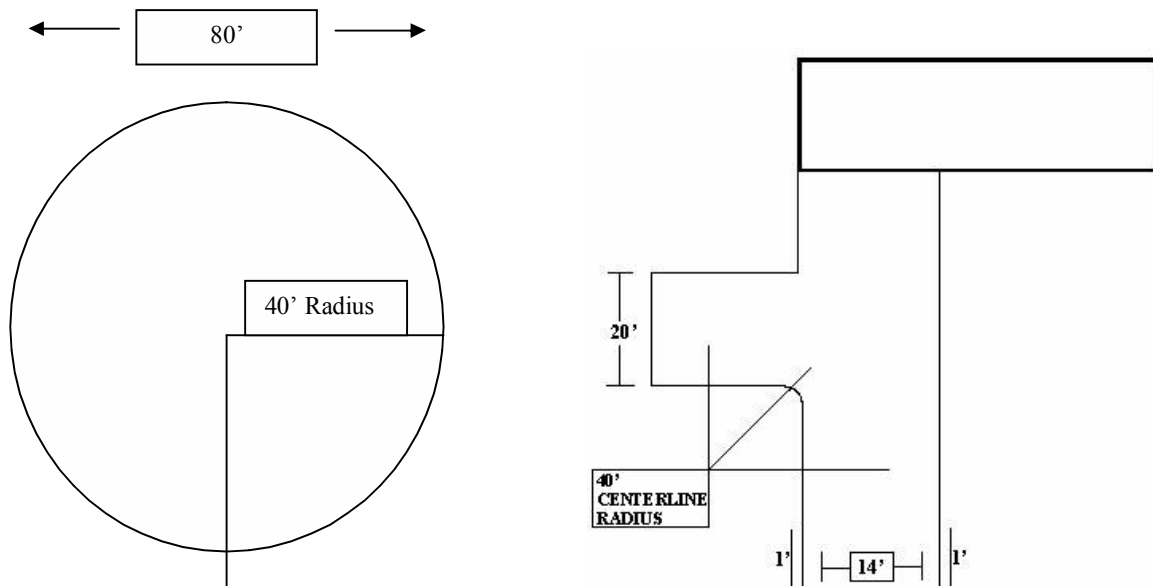
All roadbase material shall be a minimum 6 inches thick and shall provide an all-weather driving surface capable of handling the imposed loads of fire apparatus (up to 67,000 pounds depending on the jurisdiction).

2-4 APPROACH:

All driveways must approach the roadway at a 70 -90 degree angle perpendicular to the intersecting roadway.

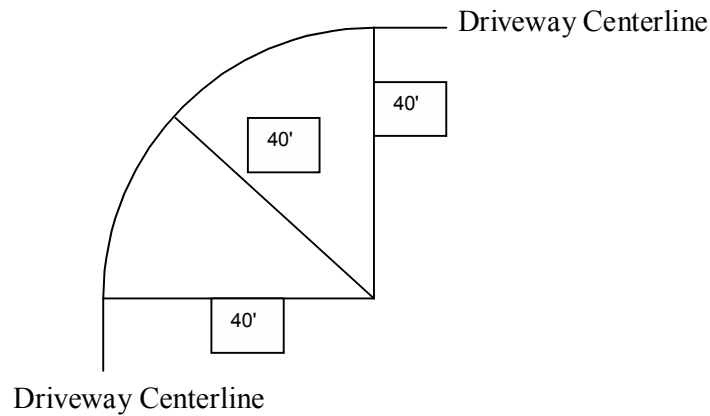
2-5 TURNING RADII:

2-5.1 -All residential driveways 150 feet or longer in developed length shall provide a complete turnaround constructed with a minimum 40 foot center line radius as shown below.



Driveway Centerline

2-5.2- All turns associated with the driveway system shall provide a minimum 40 foot center line radius as shown below:



Exceptions:

- A: Driveways greater than 20 feet in width.*
- B: Houses equipped with an approved automatic sprinkler system installed and maintained in accordance with NFPA 13D, Standard for the Installation of Sprinkler Systems in Single-family Dwellings.*
- C: Turning radius may be modified when approved by the authority having jurisdiction.*

2-6 SLOPE:

The maximum slope of residential driveways shall not exceed 10% once on the private property .

Exceptions:

- A: Houses equipped with an approved automatic sprinkler system installed and maintained in accordance with NFPA 13D, Standard for the Installation of Sprinkler Systems in Single-family dwellings.*
- B: When approved by the authority having jurisdiction.*

2-7 BRIDGES AND WATER CROSSINGS:

Bridges and other water crossing appliances shall be designed and constructed to handle the imposed loads of fire apparatus in all weather situations. In many cases, bridges and crossings may require the approval stamp of a professional engineer.

2-8 LIVESTOCK CROSSINGS:

Livestock crossings and grates shall be designed and constructed to withstand the imposed loads of fire apparatus (up to 67,000 pounds depending on the jurisdiction)

Exceptions.

A: When approved alternate means of access are provided around the grate, the provisions of 2-8 may be modified.

2-9 GATES AND LIMITED ACCESS APPLIANCES:

2-9.1 -Private dwelling gates shall provide a minimum 14 foot unobstructed width and shall be operable without special knowledge or force.

Exception:

A: Gates that utilize an approved access control device to ensure immediate access to the dwelling. Device information can be obtained by contacting the appropriate fire protection agency.

2-9.2 -Gates shall be located a minimum 30 feet off the roadway to ensure a safe and unobstructed traffic flow during emergency response.